

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.





62.09

1933,

RECEIVED

★ FEB 6 1933 ★

U. S. Department of Agriculture.

# JOHNSON

## WATER GARDENS

### HYNES, CALIFORNIA



TEMPLE GARDEN TRIO (see above)  
LOTUS COLLECTION NO. 29 (ONE EACH)

Sacred Lotus  
Double Red Chinese Lotus  
Sunrise Queen..... \$4.95

FANTASY COLLECTION (see top panel)  
CACTUS COLLECTION NO. 41 (ONE EACH)

1. Scarlet Cereus
2. Fish Hook Cactus
3. Yellow Dumpling Cactus
4. Huernia Schneideriana
5. Christmas Cheer
6. Silver Dumpling Cactus

\$1.95

# HOW to PLANT and CARE for WATER LILIES

## Anyone can Grow them Successfully

Did you know that water lilies succeed almost equally well in every state in the Union? Few garden plants thrive East or West, North or South in every type of soil or climate as do these gorgeous blossoms that everyone may easily grow in their pool.

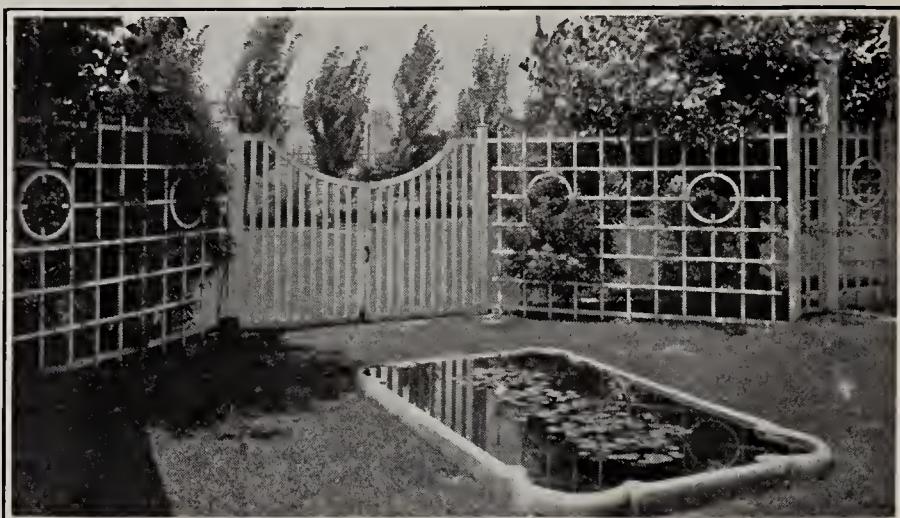
Water lilies are so easily grown, even by those who have had no previous experience, that following these simple directions will make your pool a most interesting part of your garden. In fact, water lilies are easier to grow than the commoner garden plants. The actual care of the pool may be stated in a single line. (*Keep the water level fairly constant and the pool clean.*) It is not necessary to drain the pool at all during the growing season, simply adding water to replace evaporation.

**New Pools.** The most important thing is to have the pool about 24 inches deep. This will allow for one foot of water and one foot of soil giving the best average results. However, the plants will thrive luxuriantly where the water is only 6 inches deep or up to 24 inches.

**Soil.** Any garden loam is all right. They particularly enjoy a heavy loam such as roses thrive in. Do not use leaf mold, swamp muck or sand.

**Fertilizers.** Cow manure is good. Use one shovelful to four of soil. Commercial fertilizers or sheep manure are particularly recommended. Their use will insure a thrifty, luxuriant growth. Use one pound to each bushel and a half of soil. Mix all fertilizer well with the soil.

**Boxes.** We recommend the use of boxes. They should be at least 15 inches square and 12 inches deep. Boxes 18 to 24 inches square give better flowers. Make them of pine wood and they will last 20 years. Remember, the larger the box the more and finer the flowers.



**How Far Apart?** A pool 4 by 6 feet will accommodate three or four lilies as well as Water Poppies, Water Hawthorne, Arrowheads, Water Hyacinths or equivalent plants. A pool 10 feet in diameter will accommodate six to ten lilies and also a number of other aquatic plants.

**Planting.** It is well to fill the pool before planting. After planting, the boxes or pails may be easily set in the water. If the boxes are too large to move it is easy to set the plants beneath the water. In planting simply scoop a small hole out and plant the roots **horizontally** and **not** upright, with the growing end just flush with the surface. It is not necessary to cover the box with gravel unless there are large goldfish present. Large goldfish are a nuisance as they eat the roots of lilies and keep the water roiled and dirty.

**Tropical Water Lilies.** These should be planted upright as they are shipped as growing, potted plants. Just cover the ball with soil. Do not allow the leaves to wither or the plant will be severely checked.

**When to Plant.** Hardy water lilies may be planted from February on in the Southern and Pacific Coast States. In the Middle West and East April is early enough. In the Northern States April 15th gives plenty of time. Planting may be continued throughout the late spring and summer with great success. In mild climates Hardy Lilies may be planted almost the year around. Tropical Lilies should not be planted until the weather is settled and warm with an average temperature of 70°. May in warm regions and late May or early June farther north.

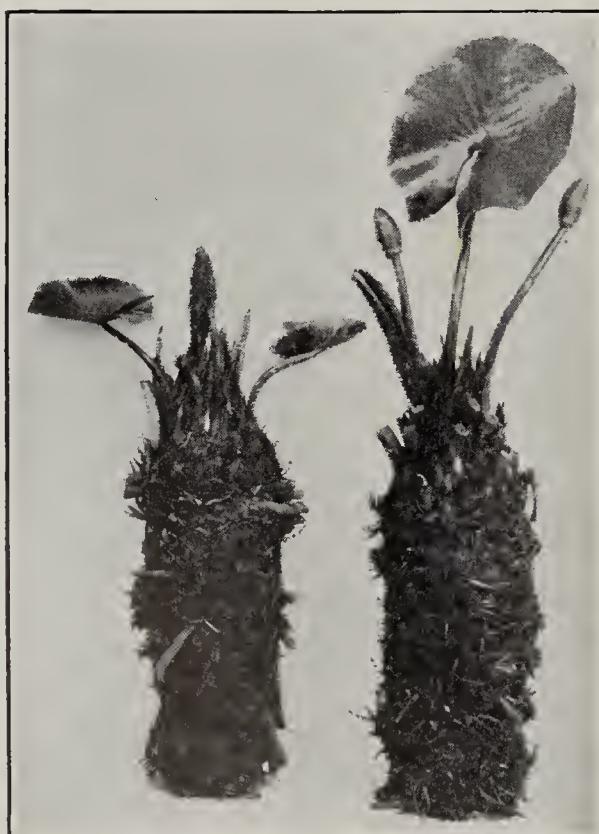
**Winter Care.** Hardy Lilies grow wild in cold northern regions and need no protection other than from direct freezing of the roots. Where the water is deep enough not to freeze below the roots they will come through unharmed. Since dry rot is the worst enemy of stored roots in the winter it is best to leave them in the pool under natural conditions. Cover the pool well with boards then apply a thick covering of leaves or straw and the water will not freeze deeply or crack the cement. This is the ideal way to winter hardy aquatics and goldfish. If the pool must be drained the lilies should be removed to a cold cellar or placed in a deep trench and well covered, keeping moist at all times. Tropical Lilies are hardy only where oranges may be grown.

**Winter Care of the Tub Garden.** Empty the water out, then fill the tub full of leaves or straw, covering the tub closely with boards to keep out the rain. Cover all over thoroughly with litter for further protection.

**Winter Care of Goldfish.** Common goldfish are hardy in natural pools or where the pool is covered. Be sure and break the ice frequently to keep the water fresh. It is best in small pools to remove fish to basement, keeping them in tubs.

**Pests.** Plant lice or aphis which sometimes attack the leaves should be immediately hosed off, when the fish will eat them. Mosquitos are always kept completely in check by goldfish or any other fish. (*There will be no mosquitoes where there are goldfish*)

**Spring Cleaning.** Artificial pools should be cleaned out in the spring just as the first leaves come to the surface. Remove all slush and trash, making any necessary repairs, getting all plants into shape for an early display. It is always wise to replant the Hardy Lilies, giving them fresh soil so you will secure fine large flowers in abundance. Dig them up with a small ball of earth, empty the boxes and refill with fresh soil and fertilizer. Replant the lilies, tramping the soil down well. The old soil may be used again if given a good dressing of manure. It is a good plan at this time to get boxes ready for tropical lilies to be planted later.



### SUNSHINE GROWN LILIES

Dormant roots of Gloriosa and Comanche as you receive them. Strong plump roots stored with energy. They will often bloom within 3 weeks of planting.

# WE SHIP ALL PLANTS PREPAID

This Years Astonishingly Low Prices For  
California Sunshine Grown Plants.

## SAFE ARRIVAL GUARANTEED.

As the pioneer aquatic nursery in America we have long been equipped to serve our customers with the best in water plants. Through the years we have developed the most complete establishment of its kind in the world with acres of concrete pools, greenhouses and lath-houses to promptly handle the thousands of orders shipped to our customers throughout the world. Our collection of lilies is most complete, embracing the scores of lilies introduced during the last fifty years for here, even the tenderest grow in profusion.

We have introduced to American gardens the plants that are today the most widespread. The Sacred Lotus, gorgeous Night

Blooming Lilies, the blue and pink Tropical Lilies are all descendants of those distributed by us a half century ago. Among our more recent introductions from European sources are the glorious double white Gonnere, the giant Sunrise and brilliant Comanche.

Our reputation for quality stock and fair dealing goes back for two generations and our thousands of customers prove that our desire to serve goes beyond the mere shipping of your order. We believe this confidence our patrons have is due to our sincere desire to prove worthy of it.

PLANT  
CALIFORNIA GROWN  
WATER LILIES  
FOR THEIR EXTRA  
WINTER HARDINESS

## EASY WAYS TO BUILD A LILY POOL

### A FEW SIMPLE DIRECTIONS

#### EASY TO FOLLOW

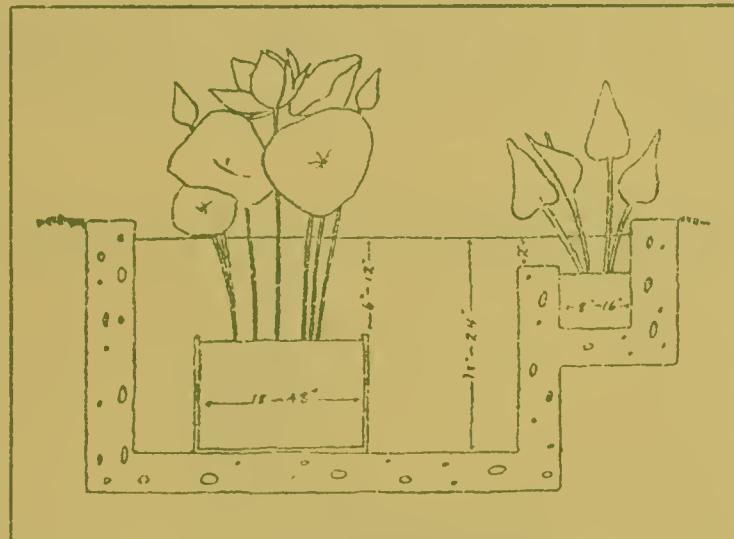
So many of our customers have built their own pools and have had such gratifying success that we are sure every one can do so. It is really a simple thing and surprisingly inexpensive particularly when one does his own work.

Perhaps the first thing to decide upon is the type of pool best suiting your desires. Often the shape of the piece of ground you are utilizing will decide this for you. If the pool is to be in the center of the lawn or garden the rectangular or round shape (the so-called Formal Pool) is desirable as in this position a geometrical form best fills the requirements of good design. Where the location is to one side or the plot is irregular the informal or irregular pool serves best. Many like the formal pool because of the ease of building forms and the increased room it gives for growing the lilies. Others prefer the informal as it gives an excellent opportunity to combine it with a rock garden or flower border. It is simple to build as no forms are needed.

**The Formal Pool.** In constructing the formal pool first dig out to a depth of 30 inches, carefully shaving the walls straight and smooth. The inner wooden form should allow for a wall 6 inches thick. The floor should be flat 4 to 6 inches thick with a slight dip to the drain. Steel reinforcing rods  $\frac{3}{8}$  inches in diameter should be laid in when the wall is three-quarters full. This will prevent cracking of the walls. It is always best to pour the concrete continuously so the pool will be without joints which are liable to leak.

During the pouring of the concrete be sure to tamp it well so there will be no porous spots or sand joints. Be sure and always tamp concrete thoroughly when laying. Thorough tamping is the trick in making water-tight pools. Remember that keeping concrete moist by frequent sprinkling allows it to cure slowly and very hard.

After the concrete has set firmly, about 48 hours, the forms may be removed and rough places smoothed down. To complete the water-proofing paint the surface with a mixture of pure cement and



water the consistency of cream. This may be applied with an old brush or broom. It should be sprinkled several times a day or covered with soil, burlap or straw. After 4 or 5 days the pool may be filled with water.

**The Irregular Pool.** First mark on the surface with sticks the exact shape of the pool, then excavate to a depth of 30 inches. The walls should be as perpendicular as possible (about  $45^{\circ}$ ) and the floor flat. The bowl-shaped floor is hard to plant and not as desirable as the flat floor. Smooth the floor and walls and wet down thoroughly. Reinforcing using heavy wire fencing, is desirable for permanent pools. Lay the fencing on the floor, lapping the edges. As the concrete is poured pull the fencing up to the middle. Tamp the concrete thoroughly and smooth out with a wooden float. After it has set a day, water-proof by painting with pure cement.

Where heavy freezing is expected a wall 6 to 8 inches is recommended though the floor may be much less. In mild climates a 4 or 5 inch wall and three inch floor is ample.

(Over)

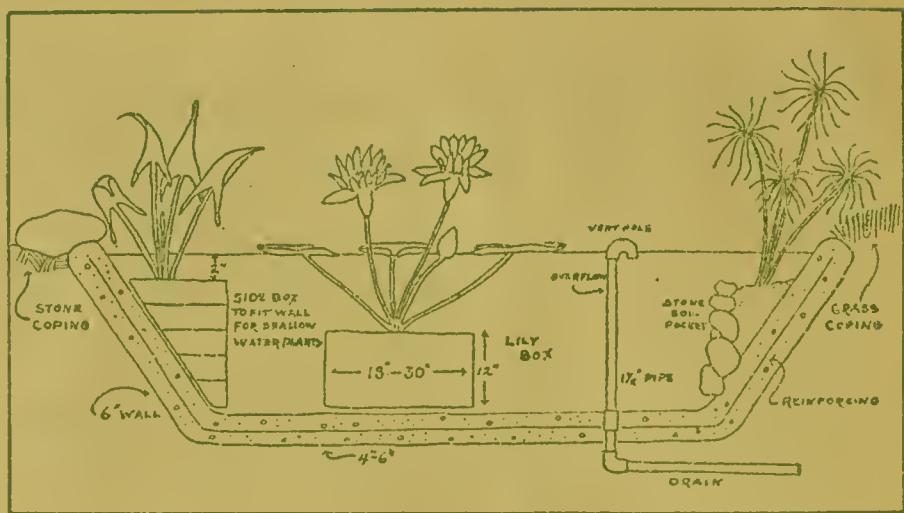
**ALL PLANTS ARE CALIFORNIA SUNSHINE GROWN**

## EASY WAYS TO BUILD A LILY POOL—Continued

**Mixing and Laying Concrete.** A simple and satisfactory concrete mixture for pools is 1 shovelful of cement, 2 of sand, 3 of quarter or half-inch crushed rock or pea gravel. Mix it together thoroughly two or three times while dry and then add water to make a pasty mixture that will spread easily.

**Drains.** Many pools are built without drainage but as it is well to clean them each spring it is less troublesome to provide some method of emptying. If the pool is small it may be bailed out. Drainage may be provided by an inch and a half pipe in the bottom led to a low place. If the soil is light a hole may be dug and filled with rocks and the drain pipe led to it, the whole being covered with earth. Where there is a place lower than the pool it may be siphoned out with a hose. To start a siphon fill the hose with water, keeping both ends plugged, putting one end in the pool and the other at the lowest place, releasing both at the same instant. How the overflow and drains are made is shown on diagram.

**Shallow Water Plants.** These are often grown on a ledge provided on the margin of the pool as shown in the diagram on the reverse page. In the informal pool pockets for soil may be built of rocks even after the pool is made. Wooden boxes built as in the above diagram are exceptionally practical and convenient to place about the walls for they may be moved at will.



**Copings for Pools.** These should be placed above the water line as they are for ornament only. Pleasing copings may be of rough stones set in concrete around the pool, cut stone, bricks set on edge or cast cement. These finishes are all a matter of personal preference. Bricks make a very pretty finish for the formal pool. An attractive variation is to bring the lawn with a slight dip to the edge of the pool, making a smooth, emerald finish.

### CALIFORNIA FLOWER SEED NOVELTIES

The best in new flower seeds from California's Gardens. On pages 24 and 25 are described the cream of the newest creations in your old favorites and also some entirely new plants. California Sunshine Grown Flower Seeds are known throughout the world.

## BE SURE AND READ BEFORE ORDERING

We Guarantee the Safe Arrival of All Plants Shipped

*All Plants Sent Postage Free*

**TERMS.** We accept orders only when accompanied by funds sufficient to cover price of goods. We do not ship C. O. D. unless 50% of the price is received with the order to insure acceptance. We prepay postage on all plants shipped.

**REMITTANCES** Remit by P. O. money order, express money order or draft. Make all remittances payable to Johnson Water Gardens, Hynes, Calif.

**GUARANTEE.** We guarantee our plants to be true to name and to be delivered to you in satisfactory condition. If goods are not so received complaint must be made within 10 days of receipt.

**HARDY CALIFORNIA LILIES.** Johnson's California Sunshine Grown Plants are thrifty, strong and hardy. Their extreme hardiness, due to our dry favorable climate, makes them the best plants for the coldest sections of the United States and Canada. Plant them where winters are severe.

**CALIFORNIA POST PAID PRICES.** Our reasonable prices reflect our favorable climate and the fact that we grow all our own lilies. It assures you of the best roots to be had and the most flowers at any price.

**CACTUS AND SUCCULENTS** are shipped at once when the order is received. They may be shipped safely at any time of the year.

**HOW AND WHEN WE SHIP.** Water Plants may be shipped safely at any time of the year. Unless otherwise instructed we will ship all orders at as early a date as experience has shown us is advisable for your own particular locality. Where **Aquarium Plants** only are ordered they are shipped at once. All plants are shipped by Parcel Post.

**TROPICAL WATER LILIES** should not be planted until the temperature averages 70 degrees. Here are the approximate shipping dates for the following key cities: St. Louis, Nashville and Portland, Ore., May 25th; Chicago, New York, June 1st; Savannah, Houston and San Francisco, May 15th; Florida, Southern California, etc., after May 1st.

**CANADIAN ORDERS.** Remit by Postal Money Order only. Patrons should secure from Destructive Insect and Pest Control Board, Ottawa, a permit to import plants, which is freely given, and enclose with your order as per their instructions.

**SOUTHERN STATES.** Plant our lilies early before northern plants can be dug and secure from 30 to 60 days more bloom.

**GOLDFISH.** We now ship goldfish from Ohio and Maryland thus giving you the benefit of our national service.

**ALL PLANTS ARE CALIFORNIA SUNSHINE GROWN**

# EVERYONE CAN ENJOY A TUB GARDEN

## COMPLETE TUB GARDEN only \$2.95

### COLLECTION NO. 1

#### 10 Fine Plants

This collection we are offering is a real bargain and the plants will be of our best quality. Every lily root we ship has bloomed prior to digging and all are rigidly inspected before shipment.

**1 Water Lily.** Your choice of white, pink or sunset.

**5 Aquatic Plants** to plant in the tub.

**4 Marginal Plants.**



START ONE NOW IN SOME SUNNY CORNER. THEY ARE FINE ON ROOF GARDENS, BALCONIES OR PORCHES

### HOW TO PLANT A TUB GARDEN

Choose a sunny spot. Use a common washtub or a half barrel, filling it half full of soil. Either sink the tub in the ground or build rocks up about it for the best effect. Two or three tubs are often grouped together filling the space between with perennials or building a rock garden around them. Fill with water and the pool is ready for planting. A spoonful of Vigoro or other commercial fertilizer poked among the roots every three weeks will keep the plants blossoming all summer. Picking off the older leaves helps also.

## PANAMA PACIFIC TUB GARDEN

### An Easily Grown Beauty

### COLLECTION NO. 2

Panama Pacific is generally in bloom when you receive it. It thrives in small water gardens flowering freely. The 5 aquatic plants include some of the best shallow water plants. You will enjoy this collection of free flowering aquatic beauties.

**Panama Pacific.** The Tub Garden Queen. (See page 15.)

**5 Aquatics**, including Papyrus.

**4 Marginal Plants**.....\$3.95

## CACTUS AND SUCCULENT COLLECTIONS

### CACTUS BOWL COLLECTION

### COLLECTION NO. 45

Five Cactus and Succulents for an attractive bowl.....\$1

### HARDY CACTUS COLLECTION

### COLLECTION NO. 46

Five beautiful hardy flowering Cactus for your Rock Garden.....\$1.50

### FANCIER'S COLLECTION

### COLLECTION NO. 47A

Ten varieties of Cactus and Succulents. Our selection .....\$1.95

### COLLECTION NO. 47B

Twenty choice kinds. Our selection \$3.75

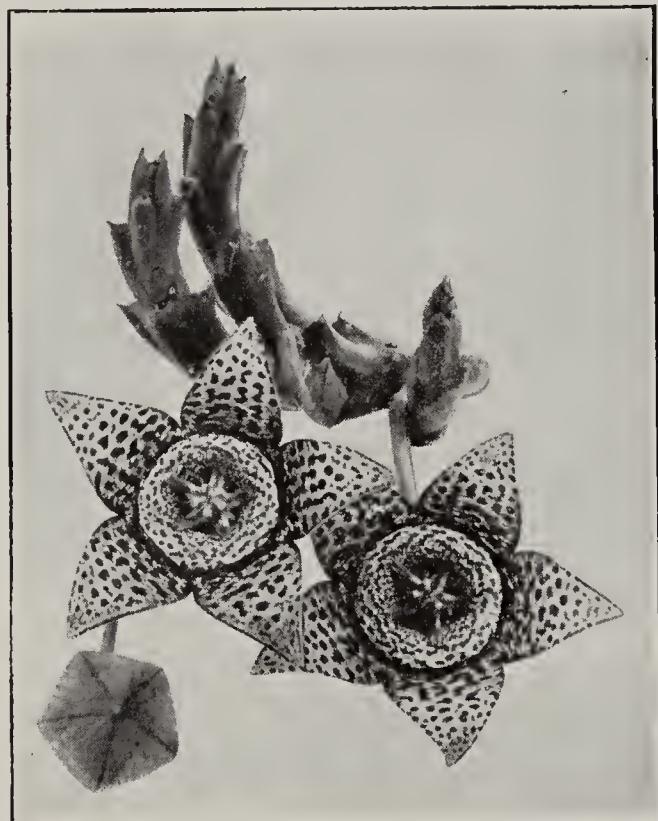


Queen of the Night

## NIGHT BLOOMING CEREUS

### COLLECTION NO. 48

Five of these handsome and strange night blooming Cactus including Queen of the Night.....\$1.50



### STARFISH FLOWER

Startling animal-like fleshy flowers! Grow it on your window ledge and prove to your friends that it is real! A strange denizen of South African deserts that will grow perfectly in your home and give you no end of amusement. Easily grown by anyone as a window plant. 35c. 3 for \$1.

ALL PLANTS ARE SHIPPED POST PAID.

Hynes, California  
JOHNSON WATER GARDENS  
Page Three

# JOHNSON'S SUNSHINE HARDY WATER LILIES

SINCE 1876



[ESCARBOUCLE]

We have brought together, during the past 57 years, the largest collection of water lilies in the world and among them will be found all the more desirable kinds that have been proven through time. On this page and the next we have indicated a number of outstanding and popular lilies and their merits are discussed in detail. The plants featured in larger type or illustrated with photographs are ones that we particularly commend to the attention of our friends. Through our years of experience we have found they give a large measure of satisfaction.

Hardy Lilies have originated mostly through crossing the wild European *N. alba* and its red variety and our own sweet scented *N. odorata* either with the yellow *N. mexicana* or the Pygmy Chinese Lily. These hybrids have in turn been recrossed. All lilies with slender roots and sweet scent are classed as Odoratas, with few exceptions all others are Albas (Marliacs). Those with leaves splotched above and below show mexicana blood, those with faint splotches only above, show the influence of the Chinese Lily. Other species have been used sparingly in crosses.

All of them are easily grown. We point out that all the Albas (Marliacs) are considerably more free flowering than those marked Odorata in this catalog and for this reason are far more desirable for the small pool.

## What Sunshine Grown Means

California grown water lilies have ideal growing conditions throughout the year. Here with our ten long months of dry sunny weather flooded with warm sunshine water plants reach a luxuriance of growth not attained anywhere else in the world. The roots make rapid growth in the spring and summer and in late fall when growth ceases have three full months to slowly harden off into large vigorous roots crammed full of life and strength. During the middle of the winter they become thoroughly dormant and are held this way until shipped to you.

## A FEW OF OUR BEST HARDY LILIES

**ESCARBOUCLE.** The most brilliant flowered of all the red water lilies. A bright vermillion red flower of large size with heart of handsome garnet red stamens. The blossoms are held above the water on strong stems and are quite freely produced. A good healthy plant that will grow well in your pool and repay any attention given it. An extremely hardy variety that should give you a great deal of pleasure. **\$2.50.**

**ATTRACTION.** A distinctively large lily with shining, bright crimson flowers. The four outer petals or sepals are lighter red in color making the inner crimson petals appear brighter still. The plant grows thriftily and soon becomes established in your pool blooming for months. At one time we counted 53 flowers on a box in which we had planted 5 roots in the spring. **\$2.45.**

**GLORIOSA.** One of its most remarkable features is its early blooming when transplanted. Every year we receive many letters telling us that it has bloomed in two to three weeks after planting. It is ideal for the small pool as its leaf spread is small and flowers large in proportion. The exquisite blossoms are brightest, glistening red and most attractive. Being rather double and quite large, often 6 to 7 inches across, they are always a center of attraction. **\$1.95.**

**VENUSTA.** Brilliant, begonia rose. Flowers with the most luscious perfume imaginable. Everyone enthuses over it and at our nursery where all varieties may be seen it is one of the most popular. The beautiful cupped blossoms open earlier in the morning than any other lily. **\$2.**



### GONNERE

**GONNERE.** An enormous, dazzling globe of snowy whiteness nestling among apple green pads. The petals are so numerous as to make of the flower almost a complete ball. Better than all is its extremely free flowering habit and its small leaf spread which makes it deservedly popular for the small pool. Introduced here by us this lily sold for years at \$25 a root. Words cannot do it justice, it must be seen to be properly appreciated. It is a fit companion to Escarboeule and Sunrise, a trio of spectacular blossoms. **\$2.50.**

**FORMOSA.** We have hesitated to feature Formosa for plants are always scarce. This year we have a few. It is an immense clear pink lily with golden yellow heart and pleasing fragrance. One of its best features is the freedom with which even the tiniest plants bloom in never ceasing abundance. It is at home in a small pool. **\$3.**

### A GIANT BLOSSOM

**SUNRISE.** (Shown at right. Also on next page.) Easily the largest of all hardy lilies with blossoms 11 inches across. Even as a young plant it surpasses all others in size. The glorious yellow blossoms are raised on slender stems, the petals having a crepe-like texture and charming gracefulness quite unlike most gigantic flowers. Best of all is its long blooming season lasting till late fall. **\$2.45.**

**COMANCHE.** (Shown below.) The best of all the sunset colors and the hardiest of all water lilies. Brilliant, glowing amber red with heart of fire. A sturdy plant blooming more persistently than any other we know, repaying neglect with plenteous bloom. Thrives in the small garden. **\$1.65.**

**CARMINE LAYDEKER.** A small growing lily with bright carmine rose flowers. A fine thing for the small pool, its cheerful flowers being in evidence all summer. The Laydeker lilies all have a delicate tea rose fragrance and dainty appearance as they are hybrids of the dwarf Chinese Pygmy Lily. **\$1.45.**

**RED LAYDEKER.** One of the very best lilies we know. The freely borne blossoms are scarlet red, a vivid glowing color that dazzles the eye. The plant has a very small leaf spread and a single root will have from 3 to 4 blooms open at one time. **\$2.**

**RENE GERARD.** Immense flowers with deep rose petals. A French variety we imported several years ago that has become more popular each year. A good healthy plant and quite distinct with its large flowers often over 8 inches across. Our customers say it flowers freely with them and that they like it for its charming shape. **\$2.50.**

**SIRIUS.** This new French introduction has stunningly colored leaves, olive green with huge red splotches. Even the under surface is bright red and the flowers are extra large and such dark shining red as to be almost black. A few roots only. **\$4.**

**NEWTON.** Another new French lily whose large star-shaped flowers are totally distinct from every other known lily. It has a very large root and grows and flowers with lusty vigor. The slender spreading petals and orange stamens are unusual. **\$2.50.**

**AURORA.** Aurora well deserves its name for its flowers run the gamut of sunset shades. Opening rosy yellow on the first day, they change to orange and finally on the third day to deep red. You will hardly believe the flowers belong to the same plant as they are cup-shaped at first, later the petals become spreading. The leaves are charmingly spotted with red and have a small spread. A splendid tub garden plant. **\$1.**





**PAUL HARIOT**

### **Sunset Shades**

**PAUL HARIOT.** The demand for Paul Hariot has been so great and constant that we have devoted huge tanks to its culture. The blossoms open a soft apricot yellow changing to orange pink and on successive days deepening to almost a red. We have featured this lily because we consider it one of the best all-around varieties, blooming as it does profusely and being a sturdy, hardy plant. **\$1.25.**

**SIOUX.** A vigorous, free blooming plant somewhat like Comanche but with more yellow in its flowers. The blossoms open chrome yellow tinged with bronze and later deepen to orange red. **\$1.65.**

**Comanche.** A splendid variety, featured on page 5. **\$1.65.**

**Seignoureti.** Seignoureti is a gorgeously colored lily but propagates so shyly it takes years to work up a stock. It is certainly one of the freest blooming lilies grown with very bright orange yellow flowers. A rare first rate variety. **\$4.**

**CHRYSTANTHA.** For the tub garden this is a gem with its soft rosy yellow blossoms that deepen to vermillion. Of quite dwarf growth it makes an excellent plant for small pools **\$1.25.**



**SUNRISE**  
A giant blossom of rare grace.

**Indiana.** A very fine copper colored lily with yellow and rich pink tints predominating, deepening to red with age. The flowers run the gamut of colors a plant often having three distinctly colored flowers at once. **\$1.25.**

**Graziella.** Charming orange pink flowers shading to a fine orange red with age. A splendid variety for the small pool and one you will enjoy for its unique color. **\$1.25.**

**Solfaterre.** The soft yellow blossoms deepening to apricot are 5 to 6 inches across. **\$1.50.**



**MARLIAC YELLOW**

### **Yellow Shades**

**MARLIAC YELLOW** (Chromatella). One of the most widely grown of all water lilies. Clear, rich yellow blossoms of large size with fine broad, curving petals. It produces over the entire spring and summer an endless succession of its charming flowers. It thrives under all conditions and is extremely hardy wherever grown. Its popularity is so great that we recommend it to everyone. **\$1.25.**

**SUNRISE.** The largest of all Hardy Lilies and a beautiful yellow in color. See page 4 for full description. **\$2.45.**

**Odorata sulphurea.** A smaller edition of Sunrise with fragrant yellow flowers on tall slender stems. The petals have a crumpled appearance. **\$1.50.**

**Yellow Pygmy.** A tiny lily bearing a profusion of bright yellow flowers the size of a dollar. A gem for the small water garden, and no pool is complete without it. It is a very cheerful little flower and we are sure you will enjoy it. **\$1.**

**Moorei.** A new yellow lily from Australia with handsome large blooms of a richer yellow than any other. The leaves are finely spotted instead of splotched; a first class variety. **\$2.50.**

**Mexicana.** A pretty small yellow lily that increases by runners like a strawberry. **\$1.**

### **Pink and Rose Shades**

**MARLIAC PINK.** Beautiful, shell pink buds handsome as they unfold. The blossoms are quite large, paler than the buds and quite sweetly fragrant. It comes into flower early in the spring and blooms tenaciously throughout the summer. It is particularly valuable as a cut bloom and is very popular with beginners for it grows so easily. **\$1.**

**VENUSTA.** A deep begonia rose flower of surpassing beauty. Besides its brilliant color its chief charm is its sweet and penetrating fragrance. Much freer in bloom than other Odorata lilies. See page 3 for description. **\$2.**

**Galatee.** Everyone likes this pretty pink lily. Its pink color is made up of crimson flecks on a white ground. A very hardy plant that will surely give satisfaction under all conditions. **\$1.50.**

**James Brydon.** A gorgeously vivid, rosy carmine blossom, full petalled and large. The color seems to glow in the sunshine and together with the bronzy red leaves gives the plant a most colorful and bright appearance. A superb variety. **\$2.25.**

**PINK BUTTERFLY.** (L. *lilacea*). Like lazy pink butterflies floating in the air this charming miniature lily spangles the water with its jewel-like flowers. The tiny blossoms are 2 inches in diameter, perfect replicas of their larger neighbors in every minute detail. And best of all it blooms profusely; we counted 72 open flowers on a box. **\$1.50.**



#### MASANIELLO

**MASANIELLO.** One of our most popular varieties and a fine plant for all purposes. The illustration well shows its graceful form. The pink flowers are cup shaped on slender stems and the broad leaves are deep green. **\$1.**

**Neptune.** An unusual French variety with beautiful pink petals flushed with darker red at the base giving the flower a most attractive appearance. It does not seem possible for a plant to bear more flowers than this one does. **\$2.45.**

**Esmeralda.** A striking new lily unique in having its flowers marbled pink and white in a most unusual manner. The blossoms are often 7 inches across and are borne in brave profusion. **\$2.**

**Odalisque.** An intensely fragrant, deep cerise pink lily of the Odorata group. It will greet you early in the morning before the other lilies are awake. **\$1.50.**

**Mary Patricia.** The daintiest blossom imaginable of deep peach blossom pink and royally generous in flower. It was raised at our nursery. **\$1.50.**

**ROSY MORN.** Our 1932 introduction. A beautiful roseate pink lily with a true water lily fragrance. But for its color it is like Escarboeule with spreading petals and handsome leaves. A free bloomer and a first rate variety. **\$4.**

**Morning Glory.** An exquisite, soft shell pink lily, very beautiful, particularly the delicate colored buds as they open in the morning. The blossoms are large and quite freely borne. The plant is a good robust grower. **\$2.**

**Mrs. Richmond.** One of the choicest lilies ever raised. Massive, rose pink flowers with deeper glowing heart of Tyrian rose. A wonderfully free bloomer. It is a very slow propagator and we have only a few plants to offer. **\$5.**

**AMABILIS.** A French introduction and a really glorious flower. It has an attractive starry form and very large blossoms and is a continuous bloomer. In color it is a bright silver pink and is easily one of our best lilies. **\$3.50.**

**Pink Opal.** A pretty, deep pink fragrant lily with graceful cup shaped flowers. **\$1.25.**

**Eugenia de Land.** A very charming sweet scented lily of the Odorata group. The long, spreading petals are pink. **\$1.25.**

**Wilfon Gonnere.** Very double pink flowers similar to Gonnere. The blossoms open into a tight ball of tender pink petals like a pompon. **\$2.50.**

**Charles de Meurville.** One of the very newest lilies from Europe. Splendid, large flowers with pink petals suffused with red. A heavy bloomer resembling Conqueror in this respect. Leaf stems covered with down. **\$2.**

**Souv. de Jules Jaquier.** Immense very wide petalled flowers of singular basin like proportions. They are deep rose-pink in color with a heart of clustering, mahogany stamens. The buds are very large and round like tennis balls. A grand variety. **\$6.**

**Gloire de Temple-sur-Lot.** Fully double flowers with twilled petals like a splendid cactus dahlia. They are exquisite, blush pink in color with a heart of golden yellow stamens. Not recommended for small pools. **\$3.**

**Marliac Rose.** Deep pink flowers, very pleasing and opening early in the morning. The bronzy red leaves are quite pretty and the plant a vigorous grower. The fragrant, waxy blossoms are often used for cutting lasting well in the house. **\$1.50.**

**Rosita.** A rare, cherry pink flower with bronzy leaves. **\$3.**

**Rose Arey.** Starry, cerise pink, intensely fragrant flowers of exceptional size. The bright clear pink color and the beautiful starry form, make this one of the prettiest of the Odorata group, blooming freely when given plenty of room. One of the most popular lilies. **\$1.45.**



#### SOMPTUOSA

**SOMPTUOSA.** A very large flower with the outer rows of petals rosy pink deepening to a rich glowing color toward the heart. The petals have a satiny texture and depth of color hard to define and have a soft crepe-like appearance. Generally listed as a rare and expensive plant. Pictured in color on rear cover. **\$1.65.**

**SPLENDIDA.** Rich geranium pink the heart fairly pulsating with color together with a very pleasing form and perfect habit make this a general favorite. Plantings of this lily blaze with color all summer long and in the fall the color intensifies to a rich red pink. Do not fail to include the Splendida lily even if you have room but for one. **\$1.45.**

#### Red and Carmine Shades

**GLORIOSA.** A most popular red lily for all purposes with large bright red flowers. Its small leaf spread and bounteous display of flowers make it a favorite. See page 3 for full description. **\$1.95.**

**ESCARBOUCLE.** The most brilliant flowered of all the red water lilies. A bright intense red free flowering variety of vigorous growth and one of the hardiest and best yet introduced. Pictured in natural colors on page 3. **\$2.50.**

**Sultan.** Large cherry red flowers the outer rows of petals lighter rose. It blooms freely throughout the summer, the flowers standing above the water in a conspicuous way. A vigorous and lusty grower. **\$3.**

**ATTRACTION.** A beauty with exceptionally large flowers of very dark red with lighter sepals. When well grown the blossoms are enormous. See page 3 for description. **\$2.45.**



Conqueror blooming in the pool of Mrs. Lee A. Lively, Murfreesborough, Tenn.

**CONQUEROR.** A great favorite thriving even in small pools and always blooming freely often in less than a month after planting out. The 8 inch wide crimson flowers are continuously borne during the entire spring and summer, the plant soon sending up several flowers at a time. We use it often in plantings because it always is sure to bloom abundantly even under unfavorable conditions. We have particularly fine strong roots this season. **\$2.**

**Marliac Flame.** (M. *flammea*). Deep red floating flowers similar to Gloriosa but with crumpled petals of a most interesting character. An old and choice variety. **\$4.**

**William Falconer.** Velvety red-black flowers considered the darkest red of all. The garnet red stamens and yellow disk set off the color perfectly. The leaves are beautifully marked with maroon spots. Well known to fanciers. **\$5.**

**RED MARLIAC.** The charming, brilliant red flowers have a character all their own and a box of them will deserve a prominent place in your pool. It is an old variety and the demand is always greater than the supply. There is generally two or more open flowers on each crown. A most dependable sort. **\$2.**

**Picciola.** Large, dark crimson flowers with a velvety texture difficult to describe. Give it a large box to secure its full beauty. **\$2.50.**

**Robinsoni.** An old favorite with warm red flowers and orange red stamens. A particularly vivid color that shows up well at a distance. **\$2.**

**Fabiola.** A strong growing red lily bearing flowers above the water on stout stems. Extremely free in bloom. **\$2.50.**



## WITHSTOOD 40 DEGREES BELOW ZERO

I think you may like to see your lilies purchased by me in June, 1931—5 plants. There are always at least 2 dozen blooms. They withstood a winter that goes to 40 degrees below, in drained pool, covered with pine needles and boughs. Even though this mulch was removed too early and the pool not filled, the lily roots freezing and thawing in the dry air—the first lily opened four weeks later. Does one need a better proof of hardy stock? I am grateful to you for such a good lily collection.—MRS. L. DAMON, Alton, N. H.

**Vesuve.** A very dark and beautiful red lily producing an incredible number of flowers. The floating blossoms are large and full petalled with a satiny sheen. **\$2.50.**

**Atropurpurea.** Glorious deep crimson flowers 7 inches across the blooms are extra large and very freely borne. **\$2.50.**

**Lucida.** Warm red flowers and beautifully mottled leaves. **\$2.50.**

**Marliac Fire.** (M. *ignea*). Fire red blossoms of exquisite grace. **\$3.**

**METEOR.** We have grown this rare lily for a number of years and always admire its firey red color. The slender spreading petals are beautifully crumpled, folding about the garnet stamens giving the flower a most pleasing appearance. It grows luxuriantly bearing quantities of flowers all season. **\$2.50.**

**Arethusa.** The flowers are large with fine broad petals, deep rich crimson-red in color with lighter sepals. The translucent texture of the petals together with its sturdy habit make it a desirable addition. **\$3.**

**James Hudson.** Enormous tulip shaped flowers with pointed petals. The color is rich rosey-crimson with the outer petals white stained with rose. Very rare. **\$6.**

## WHITE

**MARLIAC WHITE.** Snowy white broad petalled flowers with a center cluster of bright yellow stamens. Sepals lightly flushed with pink. The fragrant blossoms are 5 to 6 inches in diameter and freely produced throughout the entire season. Thousands of these vigorous hardy roots are planted out in gardens every year and everyone admires their large, plentiful flowers. It is a variety of the wild white lily of Europe. **\$1.**

**HERMINE.** A unique plant with absolutely pure snowwhite flowers of a beautiful starry form. A moderate grower with small leafspread it is particularly at home in the small pool. **\$1.50.**



Gonnere blooming in the pool of Mr. Wm. J. Neal, Drumright, Okla.

**GONNERE.** The above photograph sent to us by one of our customers shows Gonnere as it grows and blooms in Oklahoma. One could hardly wish for a freer flowering or more generally satisfactory plant than this splendid snowy white perfectly double lily. It is very much at home in the small pool because of its small leaf spread and really large flowers. You will enjoy it. **\$2.50.**

**Albatross.** Large, pure white fragrant flowers. The pointed spreading petals and golden heart set it apart from its fellows. **\$2.**

**Lactea.** Creamy white blossoms and a moderate grower. **\$1.50.**

**Gladstone.** Large dazzling white flowers with broad waxy petals. A vigorous lusty grower requiring plenty of room to really show what it can do. The blooms are large and absolutely pure snowy white. **\$1.50.**

**White Laydeker.** A very pretty lily of dwarf habit. Give it a box by itself in shallow water and it will bloom most profusely, the creamy white blossoms with bright yellow centers having a strong tea fragrance. **\$1.25.**

**Loose.** A beautiful large white, delightfully scented lily bearing flowers 6 to 7 inches across. A vigorous grower. **\$1.50.**



### Star Trio

#### COLLECTION NO. 4

Plant these three Star Lilies together for one of the most beautiful color effects we know. They will thrive together and give you a world of bloom. Plant them in the center of your pool and you will not regret it.

1 BLUE STAR  
2 ROSE STAR

A Bargain Price . . . . . \$3.45

#### HOW TO GROW STAR LILIES

Star Lilies are shipped to you as sprouted tubers which quickly come into flower. The tubers when shipped are a year old having bloomed profusely the previous summer. Each tuber will give rise to from 1 to 3 crowns, each of which will flower freely. In planting keep the sprouted end uppermost and cover lightly with a half inch of soil. Do not cover too deeply. Sink the box so it will be covered with 6 to 12 inches of water. See that they are not crowded out by the hardy lillies which start into growth before them. They will come to the surface when the water averages 68 degrees.

To carry them over the winter the old tuber should be broken off from under the new plant during the fall and stored in a box of moist sand in a frost free cellar. Next year it will sprout again.

To winter the new plants raise the box in which they are growing to the surface about September 1st to check growth and force them to form a hard dormant tuber. With the first light frosts remove to basement later washing out the tubers and store in sand.

# STAR LILIES

## THE HARDY TROPICAL WATER LILY

Each year we become more firmly convinced that the Star Lilies are among the most satisfactory lilies for all purposes. They seem to thrive everywhere growing freely in small pools producing an endless succession of their beautiful starry flowers even when crowded. One may reasonably expect 100 flowers in a season and customers have written us they have had more than 150. We have actually counted 750 flowers from three tubers planted together in a box. The blossoms have a grace and attractiveness quite their own being borne high above the water on slender, arcuate stems. The colors are vivid and bright like sunlight through a prism. In size they are all that could be desired 5 to 8 inches in diameter and when cut last for days. The sweet fragrance of Lily of the Valley they exhale endears them to all.



**ROSE STAR.** The starry, brilliant rose flowers are scented with the fragrance of Lily of the Valley and throughout the summer are produced in endless succession. Often 4 to 5 flowers will be open at once, each from 5 to 8 inches in diameter and borne aloft on slender stems a foot above the water. You may reasonably expect 100 flowers in a season from these free blooming plants. Planting 3 tubers together in a 2 foot box will give you a grand display. **\$1.50.**

**BLUE STAR.** All of the Star Lilies differ only in color. The blue shades are very vivid and deep seeming to have a luminous quality about them. Plant Blue and Rose Star together in the same box. The color harmony is perfect. **\$1.50.**

**RED STAR.** A rosy red, particularly vivid in late summer when the flowers become the most brilliant objects in the pool. **\$1.95.**

**PINK STAR.** Satiny silver pink blossoms with a yellow heart. Like all the Star Lilies the beautifully scalloped pale green leaves are most effective. **\$1.50.**

**Orchid Star.** Sold Out. A few plants only at **\$4.**



Star Lilies are extremely free blooming. These are growing in a Park near Los Angeles. They will thrive as well in your own garden pool and bloom all summer.

# BARGAIN COLLECTIONS for the SMALL POOL

## All of Our First Quality Sunshine Stock

### Complete Collection for Small Pool 4 by 5 Feet

• • • \$3.95

#### COLLECTION NO. 5

Here is a beautiful small pool at a most attractive saving. All the plants you will need for a well balanced small water garden. The plants and lilies have all been chosen to provide you with plenty of bloom through the entire season.

- A. **COMANCHE.** Flaming sunset.
- B. **MARLIAC WHITE.** Pure white.
- C. **Arrowhead.** White flowers.
- D. **Umbrella Palm.** Green plumes.
- E. **Water Poppy.** Yellow flowers.
- F. **Egyptian Paper Plant.** Plumpy heads.
- G. **Primrose Willow.** Yellow.
- H. **Ornamental Grass.** Graceful plumes.
- I. **Torch Lily.** Tall spikes.
- J. **Water Hyacinth.** Blue flowers.
- K. **Fish Plants.** Oxygenating.



A graphic view showing how to arrange the plants in your pool. The informal, irregular pool provides opportunity for endless effects in planting. Many of our customers combine the pool with a rock garden where they grow the strange Cactus and Succulent Plants from Mexico and Africa. Turn to page 27 where they are described.

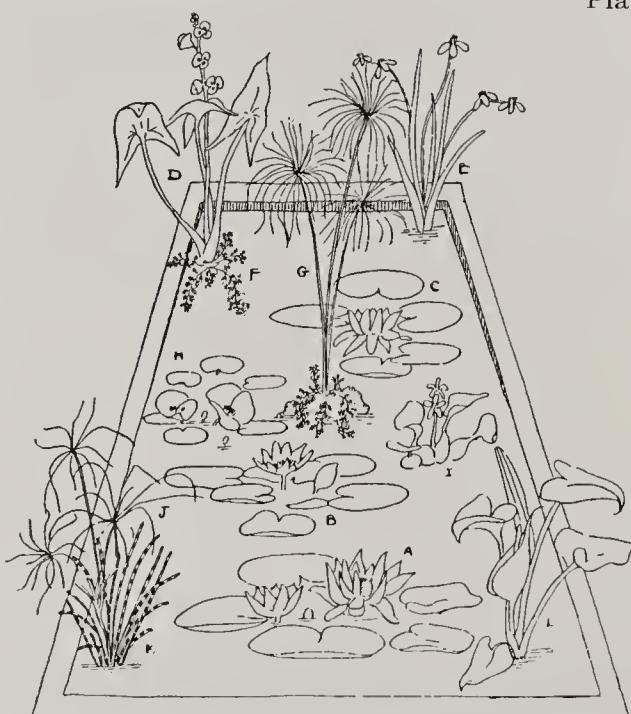
### Complete Collection for Small Pool 4 by 7 Feet

• • • \$4.95

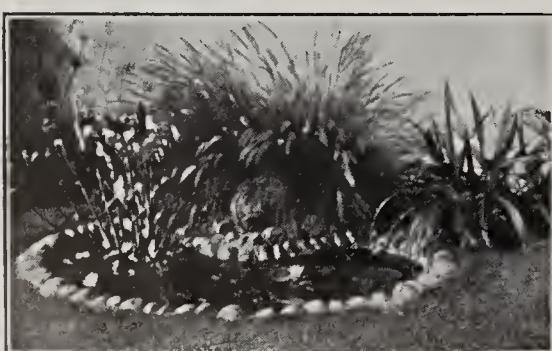
#### COLLECTION NO. 6

A real bargain collection. So many customers have written to us during the past season inquiring what to plant in a small garden pool that we have decided to list a balanced collection such as we would like in our own.

- A. **Gloriosa.** A bright red lily.
- B. **Splendida.** A rich rose pink.
- C. **Paul Hariot.** Fine sunset color.
- D. **Arrowhead.** Pretty flowers.
- E. **Yellow Flag.** A handsome Water Iris.
- F. **Parrot Feather.** For the fish.
- G. **Egyptian Paper Plant.** The Nile Papyrus.
- H. **Water Poppy.** Always in bloom.
- I. **Water Hyacinth.** Orchid-like flowers.
- J. **Umbrella Palm.** Graceful plumpy heads
- K. **Porcupine Grass.** A variegated rush.
- L. **Calla Lily.** Lily of the Nile.



The plants in this reasonably priced collection will give you a world of pleasure. With this suggested arrangement you can make your pool the center of interest in your garden. The planting arrangement may be easily adapted to round or irregular pools.



At the right: Our Star Trio collection growing in a pool in Indiana..

At left: A small pool collection in a customers garden. This tiny pool has been a great source of pleasure. Such a pool is easily constructed and with our complete collections easily planted.



# JOHNSON'S SPECIAL COLLECTION

## COLLECTION NO. 7

On the rear cover this superb collection is shown in color. A group of lilies and aquatic plants you will take great pleasure in—just the thing for the medium sized pool. Scores of our friends have planted this collection and used the painting as a model for their own designs even to duplicating the graceful bridge. The plants were especially chosen to give a colorful effect during the whole garden season and to add as much variety as possible.

- A. SPLENDIDA.
- B. COMANCHE.
- C. GLORIOSA.
- D. MARLIAC YELLOW.
- E. EGYPTIAN PAPYRUS.
- F. AZURE PICKEREL PLANT.



## TURN TO REAR COVER

it is shown there in color.

**SPECIAL PRICE \$7.50**

A special collection for the medium sized pool at a special reduced price. 57 years of supplying the best in water lilies assures you of quality stock at the lowest price.

- G. WATER POPPY.
- H. FLOATING HEART.
- I. PORCUPINE GRASS.
- J. WATER HYACINTH.
- K. ARROWHEAD.
- L. YELLOW FLAG.
- M. UMBRELLA PALM.

## WATER LILY COLLECTIONS

### We Name the Plants in Our Collections

Johnson's Collections have become the standard of quality among water gardeners. 57 years of experience in growing water plants and developing stocks enable us to offer you uniformly excellent plants at reasonable prices. With our sunshine stored California climate with its long growing season we can grow plants at a greatly reduced cost. We grow all our own lilies and pass the savings directly to our customers.

### Rainbow Trio

#### COLLECTION NO. 8

A very moderate priced collection of the best plants for those who are growing water lilies for the first time. They will all bloom well in the small pool and should give a long season of bloom.

- Paul Hariot. Sunset shade.
- Marliac Pink. Shell pink.
- Marliac White. Pure white.....\$2.85

### Queens of the Pool

#### COLLECTION NO. 9

Three premier lilies the best at any price. These lilies need no introduction and only we can offer them at this lowest price in history. Check them over and compare them with any other offer.

- Sunrise. Huge yellow flowers.
- Gonnere. Dazzling double white.
- Escarboucle. Most brilliant red.....\$5.95

### Johnson's Two

#### COLLECTION NO. 10

Two lilies that will bloom for you shortly after planting.

- MARLIAC YELLOW.
- MARLIAC PINK .....\$2.00

### Butterfly Trio

#### COLLECTION NO. 11

Three tiny lilies to be planted in the same box. Give them a corner to themselves where you may enjoy them. These little gems are unsurpassed for daintiness.

- Pink Butterfly. Jewel like.
- Chrysanta. Orange.
- Yellow Pygmy. Starry yellow.....\$2.95



### Marliac Trio

#### COLLECTION NO. 12

A very popular trio of the famous Marliac lilies. Bright pleasing colors that thrive in the smallest pool.

- MARLIAC PINK.
- MARLIAC YELLOW.
- MARLIAC WHITE.....\$2.75

### Johnson's Duo

#### COLLECTION NO. 14

Two splendid lilies for those who want the best. GONNERE. The white queen.

COMANCHE. Gorgeous sunset.....\$3.75

### Day and Night

#### COLLECTION NO. 15

Flowers both day and night.

COMANCHE. Sunset shade.

GEO. HUSTER. Red night bloomer.....\$2.95

### Royal Collection

#### COLLECTION NO. 16

Two glorious lilies for the small pool.

- PANAMA PACIFIC. Royal purple.
- GONNERE. Dazzling double white. ....\$4.15

### Lotus Special

#### COLLECTION NO. 17

Three plants that every pool should have:

- Blue Triumph. Giant Blue.
- Egyptian Lotus. Pink.
- Gonnere. Double White.....\$5.75

# From The Land of The Pharoahs



## A NILE GARDEN

COLLECTION NO. 18

\$4 95

...  
Yourself and friends will enjoy this unique and characteristic Garden of the East with plants that have been cultivated in the Orient since the dawn of civilization. Johnson's quality plants at a new low price.

- A. SACRED LOTUS. Pink.
- B. GLORIOSA. Red water lily.
- C. COMANCHE. Sunset water lily.
- D. EGYPTIAN PAPYRUS. Plumy heads.
- E. WATER HYACINTH. Orchid like.
- F. WATER POPPY. Yellow flowers.



## EVERY POOL NEEDS THESE AQUATICS

### SCAVENGERS

COLLECTION NO. 19

Every pool should have this collection of scavengers to assist in keeping the water clear. They live on the green moss and decaying vegetation. 12 assorted Water Snails sufficient for the average pool..... \$1

### SIX SHALLOW WATER PLANTS

COLLECTION NO. 20

Six fine plants to be set in shallow water. They will give variety and a natural effect to your pool. Water Poppy, Water Iris, Umbrella Palm, Parrot Feather, Arrowhead, Primrose Creeper.... \$1

### TALL PLANTS FOR SHALLOW WATER

COLLECTION NO. 21

Three of the least common and most attractive tall plants. Every pool needs these for their fine flowers and graceful habit of growth. Primrose Willow, Butterfly Rush and Egyptian Papyrus..... 75c

### FISH PLANTS

COLLECTION NO. 22

These oxygenating plants are a necessity to keep fish in good health and the water fresh. They include the best of floating and submerged plants. 7 varieties all properly labelled and carefully packed..... \$1

### 15 WATER PLANTS for the SMALL POOL

COLLECTION NO. 23

A collection of the choicest small water plants carefully selected to give you the best at a reasonable price. 1 Egyptian Papyrus, 3 Water Poppies, 2 Water Hyacinths, 1 Primrose Willow, 2 Umbrella Palms, 1 Yellow Iris, 1 Primrose Creeper, 3 bunches Fish Plants 1 Arrowhead ..... \$1.95



# JOHNSON'S SUNSHINE TROPICAL WATER LILIES



[OUR BLUE TRIUMPH]

## SUNSHINE LILIES ARE GROWN OUT OF DOORS

THEY ARE STRONGER AND MORE VIGOROUS PLANTS. POST PAID!

Such vigorous outdoor grown young plants for shipping can only be grown in California, where our warm sunshine filled springs encourage a sturdy, hardy growth in specially constructed outdoor pools. This year, to supply our increasing demand, we have increased our facilities to handle 10,000 of these superior, vigorous Tropicals. When grown in greenhouses the tender young plants are severely checked when transferred to your pool. Our Sunshine Tropicals are already hardened to outdoor conditions when you receive them and are not so subject to check if the weather turns cold or wet. We endeavor, wherever possible, to ship only plants in bloom.

Shipping dates for Sunshine Tropicals. See facing  
Page 2.

### BLUE TRIUMPH

Blue Triumph has long been the most popular blue flowered water lily. Its huge, brilliant blue blossoms reach an enormous size, often over a foot across. Growing very rapidly and blooming when quite small, it flowers continuously, having three or more open flowers at a time. Among a profusion of speckled green pads a whole succession of buds may be seen, from those just unfolding to tiny ones just pushing out from the crown. Thriving so well in both small or large pools, everyone may enjoy this glorious water lily. Do not fail to include it **\$2.25** at our Special Price.....



How Blue Triumph Grows

## SUNSHINE TROPICAL WATER LILIES—Continued

**Mrs. Geo. H. Pring.** A splendid giant, pure white, Tropical that you will need. A most pleasing contrast to the other colored lilies in your pool, it blooms with much freedom, the great white chalices burdening the air with perfume. A stunning thing for the large or small pool. **\$2.**

**Pennsylvania.** A magnificent old variety with rich, deep blue flowers 10 to 12 inches across. The buds open a spectrum blue. The yellow disk within the center of the flower is surrounded by an erect circle of violet tipped stamens, a most pleasing combination. **\$2.15.**

**Col. Lindbergh.** Enormous flowers of deepest caerulean blue with a most pleasing, penetrating fragrance. The flowers are borne high above the water on tall, graceful stems and are much admired. The large, finely mottled leaves are quite unusual. **\$2.75.**



**Tropical Lilies and Water Hyacinth. Pampas grass in background.**

produced. The expanding buds are a deep spectrum blue as they open, the fully opened flower becoming sky blue. The buds and leaves are speckled with brown. **\$2.15.**

**Pamela.** A beautiful clear sky blue lily of largest size, raised at Garfield Park, Chicago, by August Koch. The bright blue sky color is most attractive and much sought after. The large leaves are handsomely mottled with brown and cause considerable comment. **\$2.25.**

**General Pershing.** Long considered one of the best pink flowered tender lilies and a fit companion to the majestic Blue Triumph. The flowers are very broad, almost a foot across, with a delicate and pleasing fragrance. Should not be planted too early as it requires more heat than other lilies. **\$2.50.**

**Mrs. Edwards Whitaker.** One of the largest and finest of the day blooming tender lilies with handsome, fragrant, pale blue flowers, often over a foot across. A heavy bloomer and all around good plant. **\$2.50.**

### BOOKS ABOUT WATER GARDENING

**Water Gardens and Goldfish.** By R. V. Sawyer and E. H. Perkins. An interesting account of the care of water lilies and goldfish. **\$1.65.**

**Water Gardening. By Peter Bisset.** The most complete account of the culture of water lilies. Authoritative. **\$5.**

**Garden Pools: Large and Small.** By L. W. Ramsey and C. H. Lawrence. A well illustrated book on water gardening. **\$2.50.**

**The Modern Aquarium.** By Innes. A standard book on Gold and Tropical Fish. **\$1.10.**

**Goldfish and Tropical Aquarium Fish.** By Innes. 302 pages of authoritative culture and breeding of fish. **\$4.25.**

**The Aquarium.** A splendid magazine dealing principally with Tropical Fish. Innes Publishing Co., Box J, Philadelphia, Pa. **\$2 per year.**

**Aquariana.** A beautiful Tropical Fish magazine for the Pacific Coast. 853-A Howard St., San Francisco, Calif. **\$1.50 per year.**

An attractive California pool of Star Lilies. Banana trees in the background. The rock garden on the right is of Cactus and Succulent plants.

**Independence.** A very handsome pink Tropical lily with huge fragrant blossoms almost a foot across. The plant is a very strong grower and free in bloom. Like all Tropical lilies, it blooms when quite small, each succeeding flower increasing in size as the plants attain full vigor. **\$2.50.**

**Pink Pearl.** A new lily offered for the first time and raised by August Koch. It is a very distinct flower of a clear silver pink with lighter throat, a most entrancing combination of colors. A huge flower and free bloomer. **\$4.**

**Henry Shaw.** Without doubt one of the finest lilies we know. Fine campanula-blue in color, producing an astonishing number of flowers even when tiny. Its moderate leaf spread makes it popular for small pools. **\$2.25.**



Our lilies and lotus growing in an Iowa pool. The picture was taken in July and shows the vigor our plants attain by early summer.

# JOHNSON'S SUNSHINE SPECIALS

## TROPICAL WATER LILY COLLECTIONS



For your convenience we are offering here groups of lilies for the back yard garden pool at considerably reduced prices. All of the lilies offered are first rate varieties and all are Johnson's Sunshine Quality Stock.

### SUNSHINE TRIO

#### COLLECTION NO. 24

A handsome set of day blooming Tropical lilies suitable for a pool 6 or 8 feet across. Each one of these is a feature plant and are not at all alike, either in color or growth.

**Blue Triumph**

**Rose Star**

**Panama Pacific**

The three for.... **\$4.75**



### TWO QUEENS

#### COLLECTION NO. 25

A Day and Night blooming lily for the small pool.

**Juno.** White night bloomer.

**Panama Pacific.** Blue Leaf Propagator..... **\$3.50**

The prodigal wealth of bloom on Tropical Lilies. Panama Pacific here shows what it can do. Notice the small leaf spread and the showy way the flowers are carried.

### DAY AND NIGHT TRIO

#### COLLECTION NO. 26

With this group for the 6 or 8 foot pool you will have flowers at all hours and from spring to late fall. August Koch is a really handsome, free blooming variety and a fine contrast to the beautiful Geo. Huster and bright Rose Star. Three stunning plants.

**August Koch.** Blue Leaf Propagator.

**George Huster.** Red night blooming.

**Rose Star.** Rose day bloomer..... **\$3.95**

### SUMMER GLORIES

#### COLLECTION NO. 27

Our huge stocks and economies in growing lilies enable us to offer this choice pair at a price without precedent.

**Frank Trelease.** Red night bloomer.

**Blue Star.** Spectrum blue..... **\$2.50**

### SUNSHINE SPECIAL

#### COLLECTION NO. 28

A quality group at a mass production price.

**Mrs. Geo. H. Pring.** White day bloomer.

**Red Star.** Rosy red day bloomer..... **\$3.15**



Mr. H. E. Newton of Mimico, Ontario, Canada, sent in this interesting picture of his most attractive pool. Blue Triumph holds the place of honor with four open flowers and two buds in sight. Note particularly the flat stone coping about the pool, half hidden by the luxuriant growth of rock plants and annuals. This is one of the most effective pool treatments we have seen.

# JOHNSON'S LEAF PROPAGATING LILIES

## Are All Raised Out of Doors

No need to tell you how much stronger and more vigorous these outdoor grown plants are over tender, greenhouse grown stock. Under our warm California sun these lilies develop luxuriantly green, thick, sturdy leaves with short stems and are always shipped in bud or flower. They may be set out somewhat earlier than other tropical lilies without danger of checking their growth, for they have been grown under conditions similar to your own pool and much cooler than a greenhouse.

The Leaf Propagating Lilies have the interesting habit of bearing small plantlets on the older leaves forming a ring about the mother plant. While still attached to the old leaves they bloom freely. They grow wild in Central Africa, thriving rampantly in the lakes and slow moving rivers. As the old leaves decay the young plants float away, stranding in the shallows to form new colonies. The plants are ever blooming, flowering freely in the winter time in the conservatory, where their bright colors and exotic appearance make them choice subjects for pools in any part of the country.



**Exquisite!** That's what our friends say about this beautiful lily.

### [PANAMA PACIFIC]

**PANAMA PACIFIC** Bright violet when opening, deepening to a rich, royal purple in the fully expanded flower. Certainly one of the best known and widely grown of the day blooming lilies. It is so easy to grow and flowers so well in the small water garden that its popularity is not to be wondered at. Almost from the first day you will have its cheerful, richly colored blooms which open early and remain open almost until dusk. The bronzy green buds are spotted with maroon and the broad scalloped leaves are flecked above and heavily spotted beneath, the young plants appearing on the older leaves after the plant attains its full vigor. We freely recommend it as one of the most satisfactory of lilies. **\$2.15.**

**Amethyst.** Deep, true amethyst blue petals in a cup of rosy sepals. Handsome large flowers freely borne and quantities of small plantlets on the older leaves which bloom while yet attached to the parent. The young plants form early on this choice variety. Raised in our nursery. **\$2.50.**

**Mrs. Woodrow Wilson.** Lavender blue flowers with charmingly pointed petals. A quick growing vigorous plant with green leaves spotted with a varicolored pattern below. It is an old variety doing well in the moderate sized pool. **\$2.15.**

### WHEN TO PLANT THEM

Leaf Propagating Lilies may be planted somewhat earlier than other tender varieties. In the warmer Southern States and Pacific Coast early May is safe. In the West and East May 15th to 25th, depending upon the season and location. Tropical lilies will be shipped at the earliest date permissible for each locality.



**Panama Pacific** is a good all around plant. This photograph shows it growing in a butter tub. There are 2 flowers and 3 buds on this small plant.

# Leaf Propagating Tropical Water Lilies

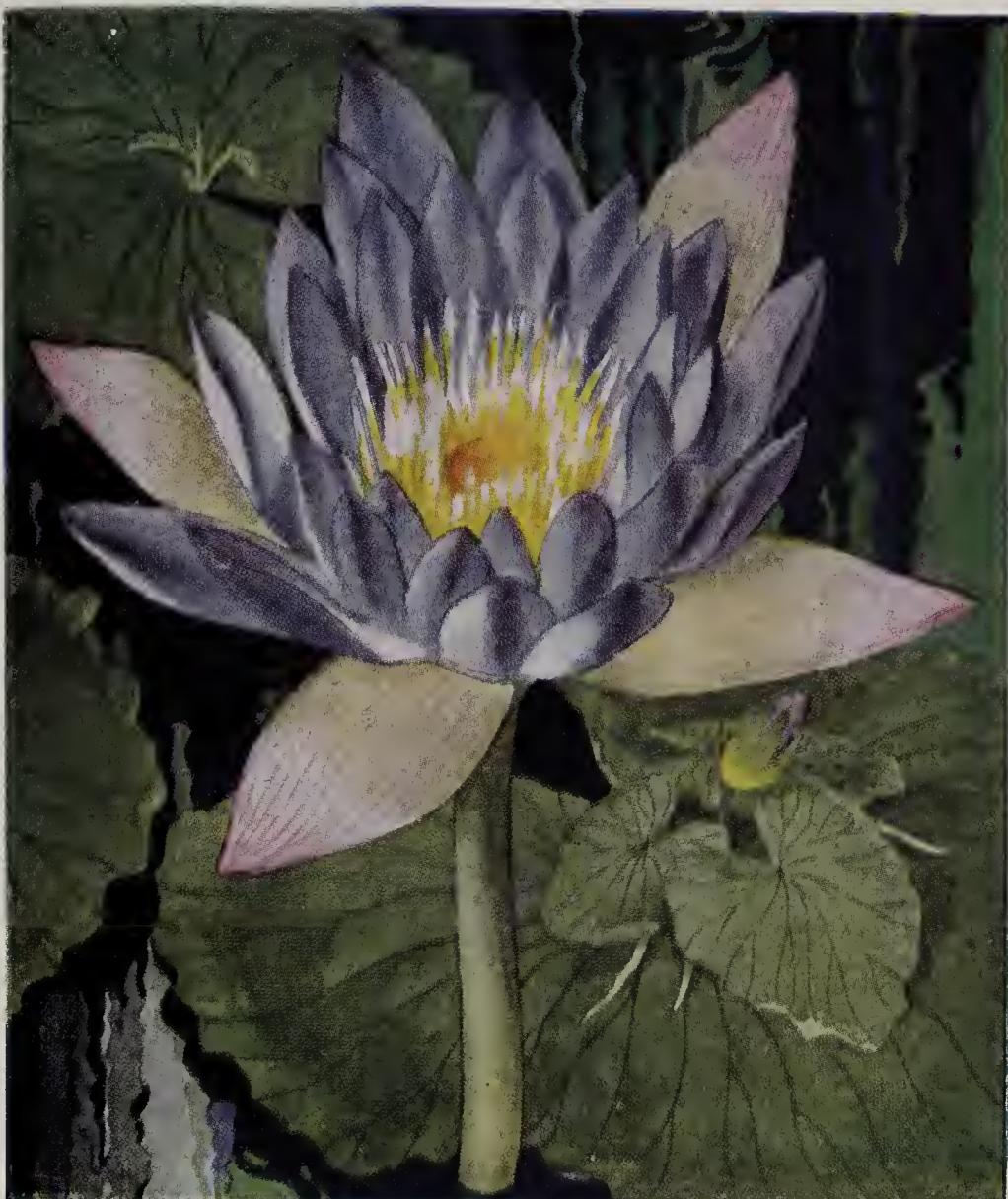
THRIVE IN THE SMALLEST POOL. PLANT THEM FOR EARLY AND CONTINUOUS BLOOM



For the average small backyard pool or tub garden the Leaf Propagating Lilies are just the thing. Their small leaf spread, early and continuous blooming habit have increased their popularity every year until now they rank among our best sellers. This year we have greatly extended our facilities for raising them so that we can offer fully developed plants at a reduced postpaid price. It should be remembered that all plants offered by us are shipped without expense to you, a saving of from 50 to 75 cents per plant.

## HOW TO PLANT THEM

When they are shipped to you the plants are shaken out of their pots, wrapped in damp moss and carefully packed into stout cartons. You will receive them as fresh as the day they left our nursery. It is best to fill the pool before planting, either slipping the boxes into the water after planting or setting out directly into the water. This will prevent the plants from suffering while the pool is filling. Allow from 6 to 12 inches of water over the plants. If the leaves are submerged after planting they will be on the surface by next morning. To secure the most flowers use a box or tub about 18 inches across. The larger the box the larger the flowers.



## AUGUST KOCH

This has long been one of our most popular day blooming lilies. We have always enjoyed it and feel sure you will also. Its fragrant blossoms are a beautiful

Wistaria blue with a ring of blue tipped stamens surrounding the clear yellow cup. In size they are from 6 to 7 inches in diameter with wide curving petals and sepals suffused rosy lilac. It is the freest blooming of the Leaf Propagating Lilies, there often being three or four open flowers on a single plant. A variety suitable for all general purposes, blooming strongly while yet in pots.....

**\$2.15**

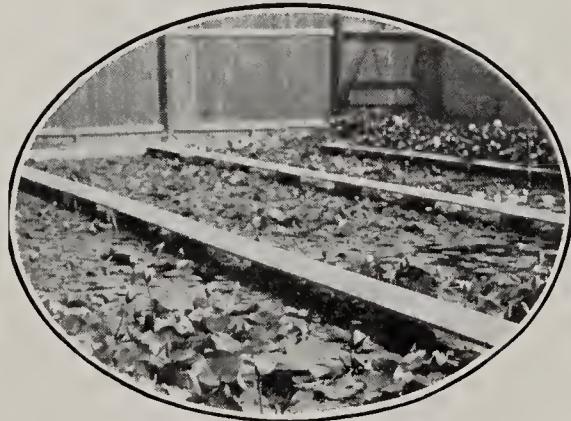


A fine box of August Koch, showing its vigorous, free blooming habit. We fully recommend it.

## [AUGUST KOCH]

Showing the Peculiar Leaf Propagating Habit

A view of our pools where Leaf Propagating Lilies are grown. Hundreds of vigorous young plants awaiting shipment to our customers throughout the world. For 57 years we have supplied lilies to every State in the Union, as well as Canada and Mexico.



# THE SACRED LOTUS

## OR NELUMBIUM

Throughout America the Sacred Lotus grows luxuriantly, being perfectly hardy everywhere. This queen of aquatic flowers, with its stately beauty, thrives abundantly during our warm summer months, sending up its great shield shaped leaves sometimes to a height of five or six feet. Its gigantic flowers overtop the leaves. The graceful blossoms, like huge roses, have loose curving petals surrounding an inner ring of golden stamens surrounded by a cone-like capsule.

They require the same general treatment as water lilies growing in water from 2 to 12 inches deep. Unless the pool is given over to them entirely they should be confined in boxes or their rampant growth will cover the pool. The dormant tubers as they are shipped look like bananas strung end to end and should be handled with care. As the plant starts growth it sends out runners which root at the nodes, sending up a flower and a leaf at each joint. They like a rich, heavy loam and should not be planted too early as the tubers start best when the weather is warm. See front cover and page 12 for colored illustrations.

**SACRED LOTUS.** Illustrated in color on front cover. This strange plant has for thousands of years been grown in the Orient for its beauty and religious associations. The immense pink flowers have a sweet, haunting fragrance and the umbrella like leaves a stately charm. This exotic plant was introduced 1876. **\$1.50.**

### A NILE GARDEN

This fine collection is offered on page 12



**SUNRISE QUEEN**

by us in

**SUNRISE QUEEN.** (*Flavescens*). This beautiful sulphur yellow variety is one of the best, with handsome, loosely petalled flowers borne in the greatest of abundance. Like all of the lotus, it thrives in the tub garden, giving a good account of itself. The flowers are 10 to 12 inches across and fragrant. Shown in color on the front cover. **\$1.50.**

**Double White Japanese Lotus (Shiro-mai).** One of the exceedingly rare double lotus with snow white flowers like huge pom-poms. The closely massed petals expand into flowers almost a foot across. A striking plant and a fit companion to the Chinese Lotus. **\$3.50.**

**DOUBLE RED CHINESE LOTUS.** (*N. pekinensis rubrum plenum*). Huge double red flowers like Giant American Beauty roses. A glorious variety giving a tremendous display during the summer months. A truly magnificent plant with huge flowers, closely packed with petals, a foot across. Last year a whole pool of them attracted much attention when in full bloom. A box 4 feet square, one of our customers wrote us, had 12 open blooms at one time, each as large as a dinner plate. It is illustrated in color on our front cover. **\$3.50.**

### TEMPLE GARDEN TRIO

Illustrated in Color on Front Cover

COLLECTION NO. 29

This gorgeous collection of exotic Lotus will make your garden the envy of your friends. Plant them in separate boxes in the middle of your pool, placing a tub of Egyptian Papyrus in the center. The huge leaves and flowers give an unequalled tropical effect.

**SACRED LOTUS**

**DOUBLE RED CHINESE LOTUS**

**SUNRISE QUEEN.....**

**\$4.95**



Mr. George W. Wise of Huntsville, Ala., sent us this photograph of his attractive pool. It was taken on August 1st and shows the remarkable effects attained with our collections.

The Lotus Tub Garden of Mr. W. R. Riggle of Murray, Iowa. Mr. Riggle has had great success with our Sunshine Grown plants.

# TROPICAL NIGHT BLOOMING WATER LILIES

## SUNSHINE GROWN



These fascinating night blooming lilies are the most delightful flowers in the garden during the sunny morning hours. Their gorgeous coloring and exotic appearance give them an irresistible appeal and make them favorites with all who are familiar with them. Really the name night blooming does not do them justice for they form one of the most striking features of the pool during the early part of the day. The flowers are quite large from 8 to 12 inches across, some opening cup shaped, others spreading their petals flat. The flowers unfold in the early evening and remain open until shortly before noon the following day.

**George Huster.** A large, dark red variety with blossoms 10 inches across. The leaves are a beautiful bronzy red toothed at the margins and give the plant a very imposing appearance. The red flowered night bloomers are native to India and grow to perfection in the warm summers of our country. A very popular variety. **\$1.50.**

**Juno.** Immense, pure white flowers opening widely, the central disk being surmounted by a cone of saffron yellow stamens. The large glossy green and finely toothed leaves are very ornamental. Seen in the dusk of evening the flowers are a never to be forgotten sight. A splendid and stately flower. **\$2.**

**Frank Trelease.** A deep red flower of largest size and deservedly popular with water gardeners. You will like its open flowers with clustered mahogany red stamens and orange disk. The deep bronzy red leaves add greatly to its desirability. **\$1.50.**

**Rubra Rosea.** During the growing season this variety stools out, each new crown flowering freely. Often there will be from 4 to 6 or more blooms open at a time. The brilliant, rosy carmine flowers in the sunlight seem to fairly burn with color. A popular favorite. **\$1.50.**

**Lotus dentata.** A large snowy white variety with a cone of yellow stamens. **\$1.50.**



Tropical night blooming lilies are beautiful in the morning. This photograph was taken at 10:30 A. M.

**Dean.** Pleasing cup-shaped pink flowers with wide petals and deep orange stamens. **\$1.50.**

**MARS.** A new introduction of ours with intense vermillion flowers. The color is so bright as to be almost blinding. A free bloomer and vigorous plant. **\$2.50.**

### TROPICAL TRIO COLLECTION NO. 30

Three tropicals for 24 hours of bloom.

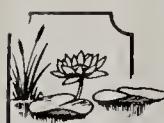
**GEO. HUSTER.**

**PANAMA PACIFIC.**

**LOTUS DENTATA.**

• • • **\$4**

## TROPICAL WATER LILIES FROM SEED



For those who care to experiment with raising water lilies from seed we offer a selection of the best Tropical kinds as very few Hardy Lilies bear seed. They will flower the first year.

In choosing a soil use a heavy loam. Do not add either cow manure or leaf mold as the decaying matter will bubble and ferment causing the young plants to damp off. They may be planted in a box, pan or pot, firming the earth down well, scattering the seeds thinly and covering lightly not more than the thickness of the seeds. Fine sand is a good covering. Stand the pot in water till thoroughly soaked then submerge gently to a depth of 6 inches.

The seed may be sown outdoors in June or, if sown early, in a pail in a warm sunny window, planting out in June. Seed should be germinated at a temperature of 70 to 78 degrees.

**Note.** Do not count on early bloom from seed. Plant our Sunshine Lilies for quick results.

Seed of the following 35c per packet. 4 for \$1.

**Johnson's Hybrids.** Rose and blue day bloomers.

**Mars.** Vermillion night bloomer.

**Juno.** Large white night bloomer.

**Geo. Huster.** Red night bloomer.

**Dean.** Pink night bloomer.

**Zanzibar Blue.** Blue day bloomer.

**Capensis.** Brilliant blue.

**Independence.** All shades of pink.

**Caerulea.** Easy to grow. Blue.

**Zanzibar Purple.** Day bloomer.

**Leaf Propagators.** Mixed.

### WATER LILY SEED COLLECTION

#### COLLECTION NO. 31

Set of 10 packets of Tropical Water Lily Seed, **\$2.**

**Sacred Lotus.** 50c per packet.

**Yellow Lotus.** 35c per packet.

Four varieties of Lotus mixed, including Double Red and White. **\$1.**

# SHALLOW WATER AND BOG PLANTS

## You Will Need these Plants to Complete Your Pool



AZURE PICKEREL PLANT

## SHALLOW WATER PLANTS

Among this group are found the many handsome foliage and flowering plants used for the corners of pools and such choice things as Water Poppy and Peacock Hyacinth.

**\*WATER POPPY.** Cheerful yellow flowers like big California Poppies. The handsome flowers with maroon eye are borne on floating runners all summer long in the greatest profusion. Plant as you would a water lily. 15c. 4 for 50c. \$1 per dozen.

**†AZURE PICKEREL PLANT.** A most attractive novelty from South America. It grows from 2 to 6 feet tall, each heart shaped leaf ending in a spike of bright blue flowers, the buds covered with a silvery wool. A very fine plant blooming throughout the entire summer. You will enjoy this easy growing aquatic. 35c.

**†Porcupine Grass.** A popular rush with variegated leaves. Most easy to grow. 25c.

**†Giant Arrowhead.** (Sag. montevidensis.) Illustrated in color on rear cover. The true and rare variety, well grown specimens reaching a height of 5 feet. A handsome and quick growing plant with maroon spots on the flower petals. Distinctive. 35c.

**†Water Canna.** A tall, graceful plant with broad leaves growing 3 to 4 feet high. With its arching spikes of purple flowers it makes an excellent plant for the background. 40c.

(Continued on next page.)

### Depths for Planting Shallow Water Plants

\*Asterisk: Plants marked thus do best in about 6 inches of water.

†Dagger: Plants marked thus do best in two inches of water.

‡Double Dagger: Plants marked thus do well in either depth.

Your pool will be more interesting and attractive when these charming aquatics form the background for the bright lilies. Planted about the margin and in the shallows these lush growing water plants give a naturalistic appearance. Many of them bloom freely over the entire summer and their blue, yellow and white flowers contribute much to the perennial interest you will have in your pool. Others have graceful plump heads of foliage while some trail about at the base of taller plants forming banks of filmy green. Some of them like to be planted with their roots in the water, others deeper.

### FLOATING PLANTS

These contribute much to the appearance of a pool. The beautiful blooms and leaves of the Water Hyacinth make it fine for banking around the base of taller growing plants. They will often thrive in shady places and have many uses.

**WATER HYACINTH.** The delicate spikes of lavender flowers with peacock eye are as beautiful as an orchid. The plant floats on the water but likes its roots among the cool lily pads, doing best when not allowed to drift about. A good plant for shady places. Goldfish spawn on the roots. 15c. 4 for 50c.

**Floating Fern.** (Azolla.) Tiny fern-like fronds forming emerald green or bronzy red carpets. Good for the fish. 25c per portion.

**Salvinia.** Dainty, soft green leaves covered with velvety plush of tiny hairs. 25c per portion.

**Duckweed.** Small frond-like plants giving the effect of a green carpet on the water. Fish are very fond of them. 25c per portion.

### Collection of Floating Plants.

#### COLLECTION NO. 32

Complete set including 3 Hyacinths \$1.00.

### PLANTS FOR THE FISH



These very useful plants will serve to keep the pool in natural balance supplying an abundance of oxygen to the water. Where fish are kept submerged plants are a necessity. A few bunches in the pool will give young fish needed protection and help keep the pool in perfect balance and the water clear.

**FISH GRASS.** (Anacharis.) The most useful variety for the pool or aquarium. Graceful stems with whorls of deep green leaves. 2 bunches for 25c.

**Coontail.** (Ceratophyllum.) 2 bunches 25c.

**Ludwigia Californica.** 2 bunches 25c.

**Eel Grass.** (Vallisneria.) 6 for 25c.

**Hair Grass.** Forms a deep green carpet. 25c a portion.

**Sagittaria natans.** 6 for 25c.

### Fish Plant Collection

#### COLLECTION NO. 22

7 labelled varieties \$1.

## SHALLOW WATER AND BOG PLANTS—Continued

**†PAPYRUS or Egyptian Water Plant.** Our most popular water plant. Growing wild along the Nile, the Egyptians used it in making paper. Throws up graceful stems 3 to 8 feet tall ending in immense plump heads. See illustration at right. Every pool no matter how small should have this. Will also grow outside the pool. **35c.** 3 for **75c.**

**†Parrot Feather.** Fine for trailing over a fountain. Soft featherly green shoots that grow very rapidly. 2 bunches for **25c.**

**†BUTTERFLY RUSH.** (Sag. papillosa.) The tall leaves are borne fan-wise and are crowned by gracefully arching spikes of fluttering, butterfly-like white blossoms. One of the best novelties introduced in recent years. **35c.**

**†Lance Leaf.** A handsome, hardy Arrowhead thriving in shallow water with tall graceful spikes of butterfly-like white flowers and clustered, lanceolate leaves. **35c.**

**†Floating Heart.** Bright yellow, gentian-like, fringed flowers on floating runners. It is hardy and flowers freely. The leaves are very pretty. **25c.**

**\*Water Hawthorn.** Snowy white flowers with the fragrance of English Hawthorne. The blossoms float on the surface among bright green oblong pads. They are most interesting, the spikes being forked and each floret speckled with tiny black anthers. Certainly one of the prettiest and rarest of aquatics. **60c.**

**†PRIMROSE WILLOW.** One of our most popular shallow water plants with large golden yellow flowers. Grows from 2 to 3 feet high with willow-like leaves and plenty of flowers. So easy to grow anywhere. **35c** each. 3 for **75c.**

**†4 Leaf Water Clover.** (Marsilia.) A rapid growing, pleasing, hardy water fern with clover-like leaves. Plant it in shallow water where it will scurry about sending up its 4 leaf clover fronds in abundance. You will like it. **20c.** 3 for **50c.**

**†PEACOCK HYACINTH.** (E. azurea.) Brilliant purple flowers with peacock eye. A free blooming treasure that everyone wants. The handsome flowers are borne in short spikes in the leaf axils. Plant it in deep or shallow water and it will grow to the surface where it creeps about among the lily pads. Every pool large or small should have it. **35c.** 3 for **\$1.**

**†Japanese Arrowhead.** A freely flowering plant for shallow water with unique arrow-shaped leaves and pretty spikes of charming white flowers. Grows rapidly sending out young plants in abundance. **20c.** 3 for **50c.**

**†Umbrella Palm.** We ship thousands of these each year. A well known plant with plump heads thriving in shallow water at the pool margin. **20c.** 3 for **50c.**



WATER HAWTHORNE

**†PRIMROSE CREEPER.** A rapid growing, partially submerged vine with shining green leaves and many large golden yellow blossoms. A necessary plant for covering pool margins for it will quickly creep over the pool wall. **20c.** 3 for **50c.**

**†Graceful Cattail.** Long slim, double cattails and graceful arching leaves. **25c.**

**†Spider Lily.** (Hymenocallis caribaea.) A tender West Indian bulbous plant with clusters of spider-like extremely fragrant flowers. Grows well in shallow water. **50c.**

**†Water Crinum.** A beautiful, tropical bulbous plant related to the Amaryllis. The large, white clusters of flowers are deliciously fragrant. May be wintered in a light basement. **50c.**

**†Dwarf Umbrella Palm.** A charming dwarf umbrella palm for small pools and aquariums. Always green. **25c.**

**†Sweet Flag.** Bright green shining Iris-like leaves 1 to 2 feet tall. The sweetly fragrant spicy roots are often chewed. **25c.**



PAPYRUS. At left

**†CALLA LILY.** A very tropical looking plant with large snow white trumpet flowers. Grows freely in quite shallow water and is ever-blooming. A fine winter-blooming pot plant also for a sunny window. One of our best plants. **40c.**

**†Pickerel Plant.** Blooming all summer with clusters of purple flowers with yellow eye. The flowers are borne on the heart shaped leaves. This hardy plant grows about 2 feet high. A favorite. **25c.**

**†Elephant Ear.** The leaves are immense, reaching more than 3 feet across and of a lustrous emerald green. Needs warm weather and should be planted with only the roots in water. Thrives also in damp soil. **35c.**

**†Imperial Taro.** A handsome Elephant Ear with beautiful leaves blotched violet black. Thrives where the roots are in the water. **75c.**

**†Purple Loosestrife.** A hardy perennial plant with graceful spikes of lilac flowers. Likes its feet in the water. A pleasing poolside plant. **25c.**

**†Chinese Water Chestnut.** Grows freely in shallow water with rush-like leaves and bears in fall quantities of delicious water chestnuts on the roots. This is the famous chestnut the Chinese use in all their cooking. **25c.** 3 for **50c.**

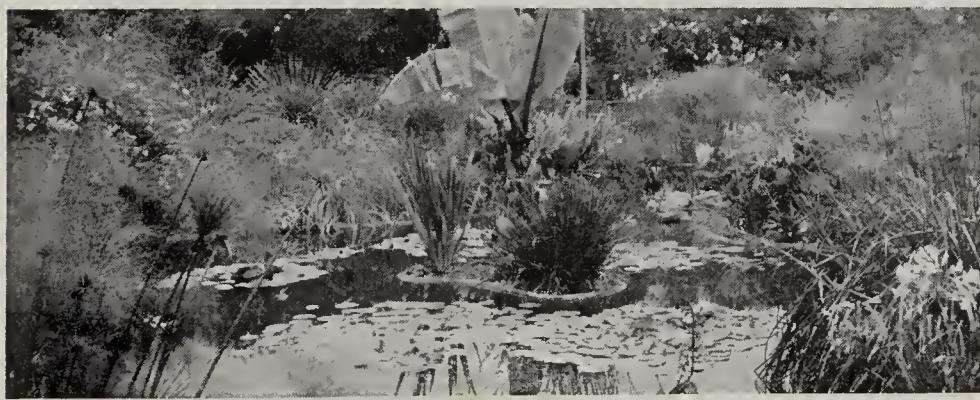
## AQUATIC PLANT COLLECTIONS

Suitable groups for home pools of the most beautiful and easily grown kinds.

### SHALLOW WATER

#### COLLECTION NO. 33

5 Varieties, Our Selection..... **\$1.**



The photo shows the tropical effect of a luxuriant planting of the plants on this page and next. Water Iris, Egyptian Paper Plant, etc.

**SHALLOW WATER**  
**COLLECTION NO. 34**  
8 Varieties, Our Selection..... **\$1.50**

**FLOWERING BEAUTIES**  
**COLLECTION NO. 35**

Peacock Hyacinth, Butterfly Rush, Azure Pickerel Plant, Primrose Willow and Primrose Creeper..... **\$1.25**

JOHNSON WATER GARDENS  
Hynes, California  
Page Twenty-one

# WATER IRIS

Water Iris are beautiful both in flower and foliage. They thrive in either damp soil in the margin about the pool or preferably in shallow water. If the containers in which they are grown are raised to within 1 to 2 inches of the surface they will grow luxuriantly.

**YELLOW FLAG.** Its handsome growth is very well seen in the circle at the bottom of this page. Tall, silver green clumps of slender pointed leaves surmounted by spikes of golden yellow flowers. A hardy vigorous plant that thrives with little attention. A pleasing plant for the background. **20c.** 3 for **50c.**

**BLUE FLAG.** Beautiful, large porcelain blue flowers with darker veining. One of the most charming of Iris with tall and graceful foliage growing easily and luxuriantly in shallow water. **20c** each. 3 for **50c.**

**Purple Flag.** Graceful spikes of large, purple flowers surmounting the grassy leaves. **25c.**

**Dorothy K. Williamson.** We think this one of the prettiest of water plants with graceful spikes of glowing royal purple flowers and pretty grassy leaves. **40c.**

**Giant Flag.** Similar to yellow flag but reaching a height of 6 feet when well grown. **25c.**

## WATER IRIS COLLECTION

### COLLECTION NO. 36

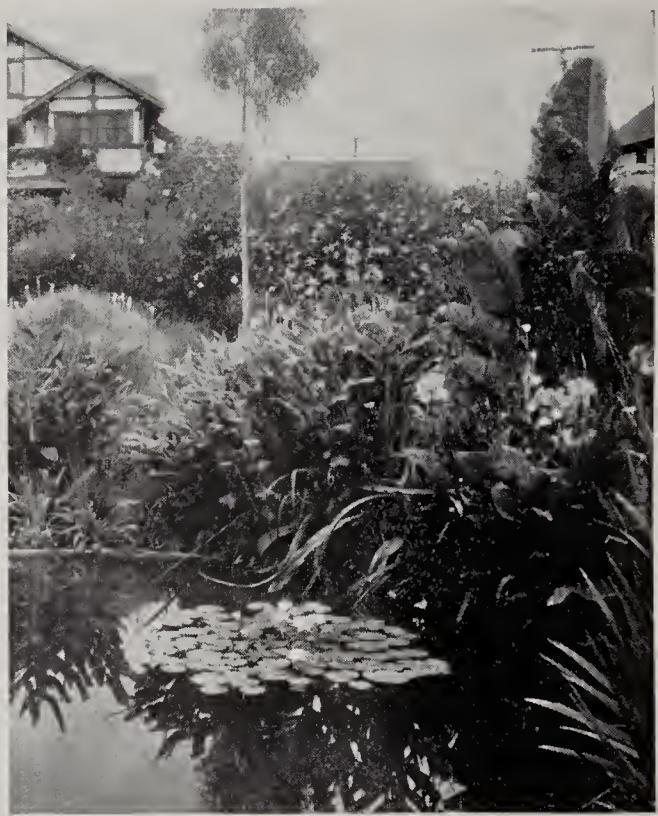
5 varieties of Water Iris..... **\$1.**

## AQUATIC COLLECTION FOR MEDIUM SIZED POOL

### COLLECTION NO. 37

25 plants in 15 or more varieties, our selection, enough for a pool 7 by 10 feet.

4 Plants for center.  
7 Aquatics for sides and corners.  
6 Shallow Water Plants.  
4 Fish Plants.  
4 Floating Plants..... **\$3.**



A luxuriant pool planting in the garden of Mr. Hugh Evans, Santa Monica, California.

## HARDY MARGINAL PLANTS

Such plants as grow naturally about pools are most effective in the border about the pool. Give them a rich soil and plenty of water to produce a tropical luxuriance.

**DOUBLE ORANGE DAY LILY.** (H. Kwanso). Very large, double orange flowers. A vigorous free blooming border plant with grassy leaves and flowers borne on tall stems. Grows well everywhere and makes a gorgeous cut flower. **20c.**

**False Dragon Head.** A hardy perennial, spreading in close clumps with tall spikes of pink hooded flowers. **20c.**

**Lemon Lily.** Sweetly scented, bell-shaped flowers clear lemon yellow in color growing from graceful grass-like clumps of foliage. The bell-like flowers are 3 inches in diameter. One of our best border plants. **25c.**

**Brown Day Lily.** (H. fulva). Beautiful coppery orange flowers on tall spikes. A splendid, extremely hardy subject to colonize about a pool. **20c.**

**Orange Day Lily.** A fine cadmium yellow, large flowered day lily of the hardiest type. Free blooming forming large grassy clumps. **25c.**

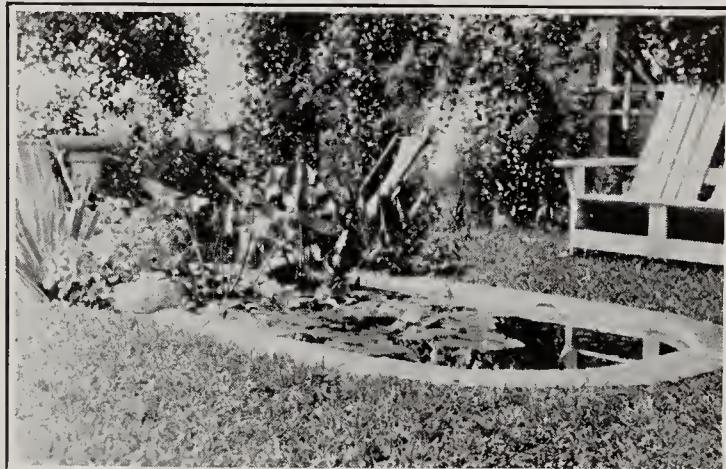
**Torch Lily.** Tall spikes of brilliant orange and red flowers arising from graceful clumps of grass-like leaves. A beautiful African lakeside plant belonging to the lily family. **20c.** 3 for **50c.**

**Blue Bugle.** Fine for planting in shade or among rocks. Deep green leaves and blue flowers. **20c.** 3 for **50c.**

## DAY LILY COLLECTION

### COLLECTION NO. 38

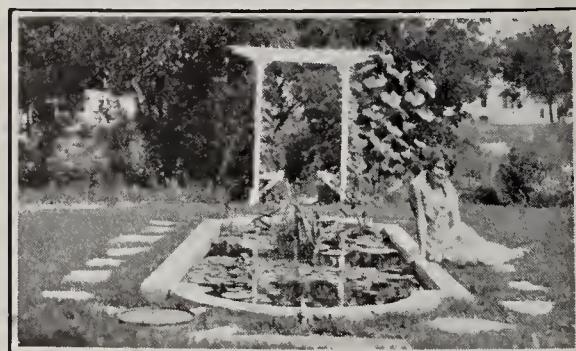
5 Beautiful Day Lilies in 5 varieties. **\$1.**



**Above.** The restful pool and garden of Mrs. W. C. Harding of Ottawa, Kansas. A most pleasing retreat on a summer day.

**Center.** A tropical nook in a Florida garden planted with our aquatics. Water Iris in the background, Umbrella Palm and Water Hyacinth in front.

**Extreme Right.** Mr. and Mrs. John W. Harris of Moorhead, Minnesota, write us that "The lilies we received from you last spring did very well and we were very happy about them." You will agree that they have a very pretty garden.



# FIFTY BEAUTIFUL WATER PLANTS

## OUR CHOICEST LILIES AT A BARGAIN PRICE

• • • \$14.50

**A** Saving of \$5.75 on the Group.

COLLECTION NO. 39



**A Complete Water Garden  
For the Popular Size Pool.  
7 by 10 Feet**

This group includes all the plants you will need to complete a very attractive water garden. Five of the best water lilies in a fine range of color, plants for the centerpiece and corners, oxygenating plants for the fish and floating plants. Ornamental grasses and flowering perennials for the border complete the collection. With such a background your pool will be a blaze of color during the entire summer and fall.

### FIVE OF THE BEST HARDY LILIES

1. **GONNERE.** Snow white double.
2. **SUNRISE.** Giant yellow.
3. **ESCARBOUCLE.** Brilliant red.
4. **RENE GERARD.** Huge pink.
5. **COMANCHE.** Sunset shades.

### TWELVE BEAUTIFUL BORDER PLANTS

- 4 **ORNAMENTAL GRASSES.**
- 4 **TORCH LILIES.**
- 4 **ASSORTED PERENNIALS.**



### SHALLOW WATER PLANTS

- A. 3 Water Iris. Blue and gold.
- B. 1 Arrowhead; 2 Umbrella Palm.
- C. 3 Umbrella Palm. Tall and feathery heads.
- D. 2 Egyptian Papyrus; 3 Arrowhead.
- E. 1 Porcupine Grass; 2 Parrot Feather.
- F. 3 Water Poppies. Cheerful yellow flowers.
- G. 1 Calla Lily; 1 Egyptian Papyrus.
- H. 1 Calla Lily; 1 Egyptian Papyrus.

### PLANTS FOR THE FISH

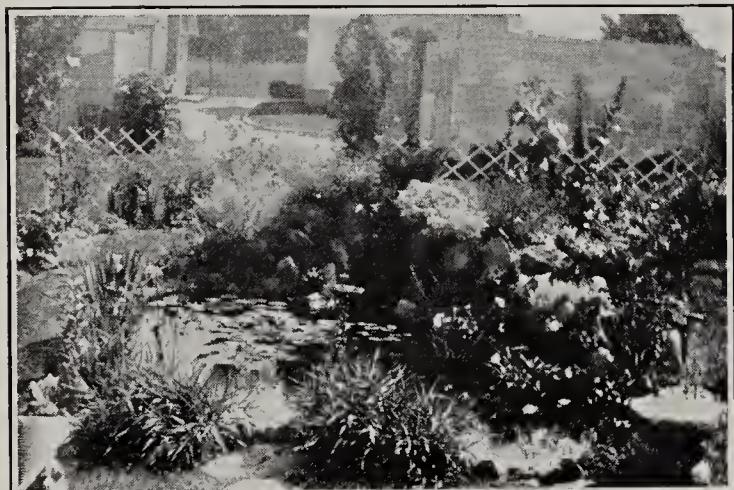
- I. 3 Water Hyacinth.
- J. 6 Bunches of Fish Grass.

## ORNAMENTAL GRASSES

They are particularly suitable for planting about the margin of the pool adding much to the naturalistic effect.

**HARDY FOUNTAIN GRASS.** A sturdy, hardy grass with handsome pussy-tails of rose tinged with red and graceful arching clumps of foliage 2 to 3 feet high. One of the best. **20c.** 3 for **50c.**

**Eulalia gracillima.** An excellent hardy clump grass growing up to 6 feet tall. Makes a pretty specimen in the background. **20c.** 3 for **50c.**



Collection No. 6, planted in the lovely pool of Mrs. Edward W. Schmidt, Ann Arbor, Mich., on the 10th of May. Photograph shows the luxuriant growth made a few weeks after planting.

**VARIEGATED RIBBON GRASS.** A fine, low growing grass with pretty leaves striped white and green. You will like its bright variegation. **20c.** 3 for **50c.**

**Palm Grass.** A fine tropical grass growing up to 6 feet tall. Its graceful palm-like leaves form splendid clumps in a single season. Give it plenty of fertilizer. **25c.**

## CACTUS COLLECTIONS

### DISH COLLECTION

COLLECTION NO. 52

Interesting plants for a small dish garden.  
Tiger's Jaws, Yellow Bells, Dyckia,  
Airplant, Golden Sedum..... **95c**

### CACTUS COLLECTION

COLLECTION NO. 53

Six dandy cactus for a bowl.  
Fish Hook, Star Cereus, Blue Cereus, Giant  
Cactus, Barrel Cactus, Dumpling Cactus..... **\$1.25**

### CURIOSITY GROUP

COLLECTION NO. 54

Six curious plants for a bowl.  
Living Rock, Candle Plant, Starfish Flower,  
Fish Hook Cactus, Tongue Plant, Air Plant... **\$1.25**

### LIVING ROCK COLLECTION

COLLECTION NO. 55

Five varieties of these strange South  
African Living Rocks..... **\$1.25**

# SUNSHINE FLOWER SEEDS



**NASTURTIUM GOLDEN GLEAM**

## SUNSHINE LILLIPUT ZINNIAS

Lilliput Zinnias have recently become very popular. There are so many uses for them in the garden either for borders or beds and in addition they have such high value as a table decoration.

**Golden Gem.** Bright golden yellow.

**Little Red Riding Hood.** Brilliant scarlet.

**Salmon Rose.** Soft pastel shades.

**Crimson Gem.** Deep rich crimson.

**Canary Yellow.** Pure canary yellow.

**Purple.** Dark velvety purple.

Per packet, 20c; 3 for 50c.

## CALIFORNIA DAHLIA FLOWERED ZINNIAS

Mammoth flowered new Zinnias averaging 6 inches in diameter. The vigorous plants will reach 3 feet in height with many fine flowers on strong stems. Ours is the famous introducers strain.

**Exquisite.** A truly Dahlia flowered variety with immense light rose blossoms with a deep rose center.

**Golden Dawn.** A brand new sensation with enormous golden yellow flowers. Very striking.

**Crimson Monarch.** Immense flowers, often 8 inches across, of deep crimson red. Very vigorous.

**Canary Bird.** A delicate shade of canary yellow. Huge flowers.

**Scarlet Flame.** A beautiful, brilliant scarlet of largest size.

Per packet, 20c; 5 for 75c.

## NOVELTIES FROM CALIFORNIA

Each year California plants thousands of acres to Flower Seeds. No more beautiful sight can be imagined than these immense seed farms during the late spring months when they are in full flower resembling gargantuan Persian carpets. When the fields are at their best we visit them selecting those novelties that have outstanding qualities to present to our customers. Out of scores of new things, we have chosen only a few that we know will meet with your approval.

Considerably more than half of the world's supply of flower seeds is harvested in California principally because our dry sunny weather gives the right conditions to fully mature plump, vigorous seed. California Sunshine Flower Seeds are grown in every country in the world.

## THE NEW NASTURTIUM GOLDEN GLEAM

Something new in this cheerful, popular flower. A double, sweet scented Nasturtium with splendid golden yellow blossoms  $2\frac{1}{2}$  to 3 inches across. They are borne in the greatest profusion to almost smother the plant and over a long season. They have long 6-inch stems which brings the flowers well above the foliage and makes them particularly valuable as a cut flower. The plant has a neat compact habit and comes into bloom early. For a window box it is unexcelled. Per packet, 25c.



**LILLIPUT ZINNIAS**

# NEW ANNUAL CANTERBURY BELL

One of the most outstanding novelties of the year is this new Canterbury Bell. It is now possible to have these charming flowers the first season by planting the seed early in the spring. The plants grow from 2 to 2½ feet tall, each plant, as in the photograph, bearing from six to eight spikes of bloom. We offer this in mixture containing the following colors: Dark blue, light blue, pink, rose and white. Per packet, 50c.

## CALIFORNIA PETUNIAS

For a generation the world's finest new Petunias have originated in California, where several specialists have hybridized them for years. Some of the new ruffled and single types are exquisite. Our seeds are of the choicest, selected strains.

**Ruffled California Monsters.** Beautiful, large ruffled flowers in the sought after red and dark shades. The petals are richly marked and veined. Good vigorous plants. Per packet, 50c.

**Theodosia.** The largest fringed pink petunia. Handsome rosy pink petals with golden eye. Splendid. Per packet, 45c.

**Elk's Pride.** The darkest and largest velvety purple petunia. The fields we saw of this were exquisite. Per packet, 25c.

**Rosy Morn.** A particularly choice selection of this gorgeously brilliant, pink bedding Petunia. A heavy bloomer with clear pink flowers and white throat. Per packet, 25c.

## A NEW ZINNIA MIXTURE - CROWN O' GOLD

The aristocrat among Zinnias. Each petal is overlaid with deep golden yellow at the base while carrying out the individual flower color at the top. The colors range from old rose, cream, yellow to carmine, pink, etc. Per packet, 35c.

## NEW DOUBLE IPOMEA

A splendid new ruffled Morning Glory offered for the first time. Flowers are a beautiful shade of deep rose of double and semi-double form. We are sure you will enjoy this for it really is a charming plant. Try planting it on a fence or train it on a pergola. Per packet, 30c.



MARIGOLD GUINEA GOLD

## ICELAND POPPY-EL MONTE

A handsome new California introduction and the freest bloomer of all. The large blossoms are deep tangerine orange borne on long wiry stems making it an excellent cut flower. These hardy perennials bloom early the first year from seed. Per packet, 35c.

## CALIFORNIA POPPY-FIREFLAME

Our California Poppies are celebrated for their gorgeously vivid coloring but among them all we believe that the handsome orange scarlet of Fire-flame stands out unique. A splendid rock garden or border plant. Per packet, 30c.

## HOLLYHOCK TRIUMPH

Blooms 10 days earlier than other Hollyhocks and has beautifully waved, fringed double flowers and many new colors, including scarlet, rose, yellow and violet. A fine new type of this old favorite. Per packet, 30c.

## MONARCH OF THE VELD

(*Venidium fastuosum*.) A South African annual with huge, 4 to 5 inch, deep orange flowers like giant daisies. The base of each petal is zoned with purple black. The plant seems to go all to flower and blooms until frost. The silvery green foliage is very ornamental also. As a cut flower it will give you something new to show your friends. In beauty and novelty it is unsurpassed. Try it as a border plant or preferably in your rock garden. Per packet, 50c.

## MARIGOLD GUINEA GOLD

This new Marigold was voted the finest introduction of 1932 and well deserves its title. A new and distinct type and good for cutting or as a bedding plant. The flowers are a brilliant orange, double with ruffled, loose placed petals. One of its most distinguishing features is that the characteristic Marigold odor is much less noticeable than in other varieties. The Marigolds are very easily grown and always give a good account of themselves and this one is particularly good as a cut bloom for table decoration lasting in perfection for days. Per packet, 25c.

# GOLDFISHES for the POOL



Gay colored fish add considerably to the allure of the pool making it the most interesting feature of the garden. Their practical use in keeping down insect life within the pool makes them invaluable. Where they are fed in one spot they quickly become tame swimming about the edge when you approach. The common goldfishes are well known but some of the finer Chinese kinds with long fringed fins or grotesque heads are seldom seen.

**THREE SHIPPING POINTS.** To accommodate our customers throughout the United States all fish will be shipped from the point nearest to you. We have arranged to have fish shipments made from **Maryland, Ohio, and California.**

**TERMS.** All fish are in first class condition when shipped and should reach you in perfect condition. We guarantee safe arrival but all claims must be accompanied with a bad order report from the Express Company within 10 days of receipt. Orders must be accompanied by remittance in full plus 35 cents for shipping can. All fish are shipped **express collect.**

**The Care of Goldfish.** Before placing fish in new pool the cement should be washed 3 times, or better still, fill and drain after a week. Fresh cement contains an alkaline substance injurious to fish. It is advisable when fish are received after a long express journey to place them for 24 hours in a bath of 3 drops of mercurochrome to each gallon of water. It has a very tonic effect. All fish will do better if fed with the fish food offered below.

## GOLDFISH FOR THE SMALL POOL

### COLLECTION NO. 40A

A combination of fish and scavengers for the small pool that will supply just the proper balance. Color, graceful motion and a clean pool are yours with this varied collection which includes **8 Selected Goldfish, 2 Japanese Fantails, 4 Calico Fish and 6 Trap Door Snails.** Shipping can included **\$4.95**

## ORNAMENTAL COLLECTION

### COLLECTION NO. 40B

A fancy collection of beautiful goldfish for the small pool. You will admire their bright coloring and strange shapes. A real connoisseurs group. **2 Chinese Telescope Moors, 2 Calico Telescopes, 2 Calico Fantails, 2 Comet Tails, 2 Japanese Fantails, 2 Calico Fish.** Shipping cans included... **\$7.50**

## PLANTS FOR THE FISH

Every pool needs these oxygenating plants to keep the pool clear and balanced and the fish in good health.

**FISH GRASS** or Anacharis. A most useful variety with pretty graceful stems and whorls of green leaves. **2 bunches 25c.**

**COONTAIL.** Plumy tails of deep green. Fine in aquarium or pool. **2 bunches 25c.**

**Water Hyacinth.** Well known floating plant. **2 for 25c.**

**CRYPTOCORYNE WILLISII.** One of the most beautiful and rare of all aquarium plants. Lanceolate leaves with crisped margins the rare red flowers like a miniature Calla Lily to which family it belongs. Uncommon. **25c.**

**Ludwigia Californica.** Pretty waxy leaves and bright yellow flowers. **2 for 25c.**

**DUCKWEED.** Tiny frond-like floating leaves. Fish are very fond of it. **25c per portion.**

**Floating Fern.** Pretty floating plants. Fish like them. **25c per portion.**

**Eel Grass** (Vallisneria). Long ribbon like leaves. Grows well in aquaria. **6 for 25c.**

**HAIR GRASS.** Forms a green lawn on the floor of the aquarium. A splendid protection for young fry. **25c per portion.**

**Sagittaria natans.** Vivid green strap like leaves. **6 for 25c.**

**Sagittaria subulata.** Similar but narrower. **6 for 25c.**

**Sagittaria sinensis.** Similar wider leaves. **15c.**

**Giant Eel Grass.** Yard long leaves. **2 for 25c.**

## FISH PLANT COLLECTION No. 22

7 Varieties Labelled **\$1.**

## SCAVENGER COLLECTION No. 19

12 Assorted Water Snails including **Coral Snails** for **\$1.**

## FISH FOOD

Goldfish should be fed twice a week. Do not feed too often or too much as overfeeding is a prolific cause of ills. All fish food postpaid.

**Natural Fish Food.** A properly balanced fish food for both aquarium and the pool. **85c per pound.**

**Dried Shrimp Meat.** Shredded shrimp makes an ideal food for fish. **85c per pound.**

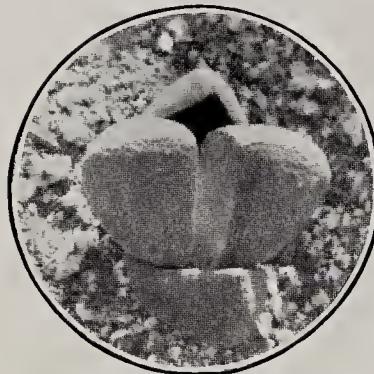
**Baby Fish Food.** Specially prepared for Tropical and baby fish. This is a safe food for tiny fish. **2 oz. box 50c.**

# CACTUS and SUCCULENTS

WE RAISE ALL OUR CACTUS FROM SEED

Imagine having in one miniature Desert Window Garden strange plants from such intriguing far away lands as Africa, South America and Mexico. Yet these truly unusual plants may be enjoyed in your home for many different kinds can be grown together in shallow dishes no larger than a dinner plate. Plant a bowl of them to place in the living room and discover for yourself their peculiar fascination. There is a bewildering variety of them ranging from gorgeous orchid-like jungle flowers to the grotesque and sculptured forms of the waterless deserts.

In ease of culture they are comparable to the common geranium requiring even less care. They like sunshine and are perfectly at home as a window plant, furnishing a never ending source of surprise to those interested in the unusual.



**LIVING ROCK.** A group of African mimicry plants (*Mesembryanthemum*) of greatest interest. Resemble the rocks among which they grow. Striking yellow flowers 3 inches across. **M. bolusi**, the one illustrated. **M. simulans**. Has very large yellow flowers. Fine. **M. dekenahii**. Splendid new one forming fine clumps. **M. cana**. **M. magnipunctata**. Very rock-like. 35c each. 3 for \$1.

**AIR PLANTS.** (*Kalanchoe*). South African plants with the most peculiar habit of forming tiny young plants on the old leaves. They may be pinned to a curtain to sprout. Some have brilliant flowers or striking reptilian mottling. **K. tubiflora** is a curious reptilian like plant with gorgeous red flowers at Xmas. Don't fail to include it. **K. daigremontiana** has dozens of small plants forming on its leaves. **K. marmorata** with beautifully marbled leaves and white scented flowers. **K. fedschenkoi**, fine with roots high up on stem. **K. laxiflora**, new. **K. somaliensis**, splendid. 25c each. 5 for \$1.

**Fire Cracker Aloe.** (*A. ciliaris*). Gorgeous scarlet and yellow crackers in December. Easily grown. Trailing stems. 25c.

**Polka Dot Aloe.** (*A. eru*). Handsome, narrow, bronzy leaves heavily dotted with white. Fine branched clusters of orange flowers. A pretty small plant for table decoration. 15c. 4 for 50c.

**Candle Plant.** (*Kleinia articulata*). An unusual plant with succulent, jointed, silver-green stems. Only has leaves when it is watered. Pretty and easy to grow. 20c.

**HOST PLANT.** (*Echeveria weinbergii*). A handsome, easily grown plant for dishes. One of the best with thick white leaves in whorls. Everyone admires it and thousands are sold yearly. 25c.

**CHRISTMAS CHEER.** (*Sedum guatemalensis*). A brand new sedum illustrated on front cover, 5th from left. Thickly clustered, shiny green leaves tipped with vivid red. A charming small plant for bowls. 25c.

**Giant Cactus.** (*C. pringlei*). A giant column cactus from Baja California, grows 60 feet high. The young plants are most beautiful. Use them as bridge favors in small pots. 25c.

**Dwarf Tree Cactus.** For dish gardens this fine small opuntia is particularly good. The brilliant scarlet fruits are very striking. 25c.



**Hart's Tongue.** (*Gasteria hybrida*). One of the prettiest and most sought after of succulents with handsome green and white leaves arranged like a fan and tall spikes of rosy pink and green tipped flowers. A splendid pot plant. 25c.

**SILVER DUMPLING CACTUS.** (*M. elegans*). Illustrated in full color on front cover. Upper right. A beautiful, easily grown globular cactus with silvery white, harmless spines and a diadem of brightest pink flowers. It is a beauty and all are of flowering size. 50c.

**Fish Hook Dumpling Cactus.** (*M. capensis*). Pictured in color on front cover. A handsome pink flowered Fish Hook that every cactus lover will want as it is a brand new species. Nice plants. 25c.

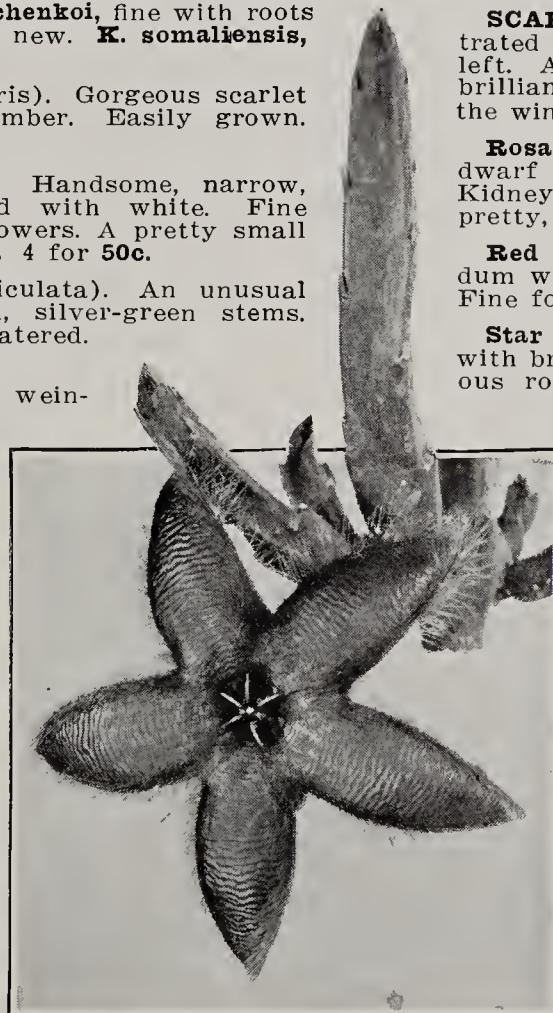
**Red Tips.** (*Sedum pachyphyllum*). A most attractive succulent with blue green leaves tipped red. A small plant easily grown in dishes. 20c.

**SCARLET CEREUS.** (*C. sylvestrii*). Illustrated in full color on front cover. Upper left. A dwarf cactus with soft spines and brilliant scarlet flowers. Easily grown in the window garden. 35c.

**Rosary Vine.** (*Ceropegia woodii*). Trailing, dwarf succulent vine with a tuberous root. Kidney shaped, silver spotted leaves and pretty, odd parachute like flowers. 25c.

**Red Sedum.** An easily grown, popular sedum with bronzy bead-like leaves in 4 rows. Fine for small dishes and lasts for years. 15c.

**Star Figmarigold.** (*M. stelligera*). Covered with brilliant violet red flowers. Has a tuberous root like a dahlia. **M. intonsum** with white flowers. **M. densum**, pink. 25c each.



HAIRY STARFISH FLOWER

DESERT PLANTS FROM ALL OVER THE WORLD

JOHNSON WATER GARDENS  
Hynes, California  
Page Twenty-seven



## **TUNA CACTUS**

**Rose Tuna.** (*Opuntia basilaris*). Beautiful, rose-like blossoms exquisite satiny pink in color and some 3 inches in diameter. The handsome "leaves" or pads are almost purple in color the flowers appearing on their margins. Thrives in the window garden. A fine plant. **35c.**

**ORANGE TUNA.** (*O. elata*). Brilliant, orange yellow flowers as big as roses. Smooth oval pads of deepest green. Grows very easily and well. One of the best. **25c.**

**Old Man Cactus.** (*C. senilis*). One of the most rare and striking of all cacti. The plant is clothed with long, snowy white hair from which it receives its name, the young plants being especially beautiful and thickly clothed. Our supply of these rare plants is limited. **90c.**

**Old Man of the Mountain.** (Oreocereus trollii.) A magnificent new cactus with very long, silky, snow white hair found growing high in the Andes mountains in Peru. One of the most rare of all and certainly one of the prettiest with its glossy, pure white hair. Fine, healthy young seedlings. \$1.

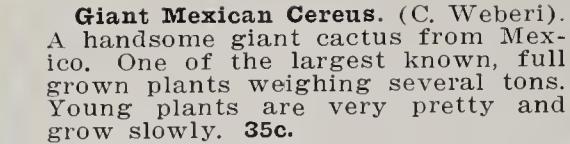
**SILVER CROWN.** (Cot. undulatum). The handsomest and rarest Cotyledon. Bright, silvery, beautifully waved leaves. A gem. This has always sold at \$5 each. Our new supply direct from Africa of healthy vigorous plants. **50c** each.

# A STRAWBERRY JAR FOR A PENTHOUSE GARDEN

**COLLECTION NO.**

### For a 12" Strawberry Jar

If you have never grown a strawberry-jar garden you have missed one of the most attractive phases of indoor gardening. In these skyscraped gardens you can grow a bewildering variety of plants that will be interesting every day in the year. The strawberry jars may be purchased at any pottery shop or we can ship them. This collection of 10 varieties as illustrated above will interest everyone. (a) Ghost Plant; (b) Starfish Flower; (c) Red Sedum; (d) Tongue Leaf; (e) Rose Moss; (f) Elephant Bush; (g) Necklace Plant; (h) Night Blooming Cactus; (i) Grizzly Bear; (j) Echeveria. \$1.95.



**TIGER'S JAWS.** (*Mes. tigrinum*). A pretty and curious plant with odd jaw-like toothed leaves. The flowers are bright yellow and 2 inches across. A gem that you will enjoy. **35c.** Variety **Superba** with handsome speckled leaves. **40c.**



## TIGER'S JAW

**TONGUE LEAF.** (Mes. *linguae-forme*). Illustrated in color at bottom of page. A novel plant with tongue shaped leaves and large golden yellow flowers. Very easy to grow in the dish garden. 25c. **M. nelii.** A very thick leaved new one. 25c. **M. propingue.** A splendid free blooming new one. 35c. **M. latum, longum, propinquum, uncatum, videntata, haagii.** 25c each. 5 varieties \$1.

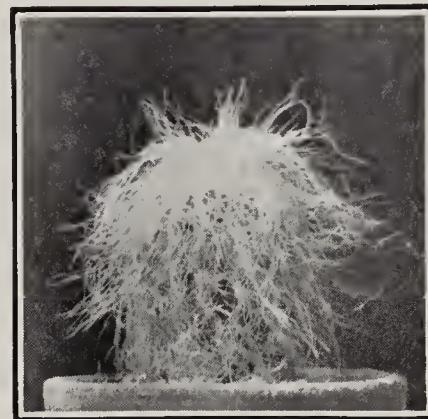
**Yellow Bells.** Fragrant yellow bells borne at Xmas time. The flowers may be picked and last for weeks out of water. 25c.

**ORANGE BELLS.** Clusters of bright orange bells. A very pretty plant with striking powdery white, thick, oval leaves. Popular for dishes. 25c.

**Andromischus clavatus.** Clusters of fat, variegated leaves that look like colored pebbles. If the leaves are broken off they will sprout into young plants. **25c.**

**Blue Sedum.** A popular small plant for dishes with bright silvery blue stems and leaves. Hundreds of thousands have been used for cactus dishes in the past few years. 20c.

**Golden Star Cactus.** (*M. stellata aurata*.) A tiny dumpling cactus with bright, golden yellow, soft spines. The star-like spine clusters are borne on the tips of nipples clothing the plant completely with a golden armour. **35c.** 3 other varieties **35c** each, 3 for **\$1.**



## OLD MAN CACTUS

in flower. Flowers salmon yellow. **25c** each.

**Wax Rose.** (*C. portulacea*). Waxy, pink clusters of blossoms borne during the winter. A handsome pot plant. Hundreds of thousands of them are planted every year. **35c.**





### Partridge Breast Aloe

**PARTIDGE BREAST ALOE.** One of the best known and choicest succulents. Green and white mottled leaves and spikes of bright red flowers. An old favorite. We have a splendid lot of healthy young plants. 35c. 3 for \$1.

**Trailing Figmarigold.** Shown in color at bottom of page. A free flowering, winter blooming, trailing plant. **Orange Figmarigold.** Brilliant orange flowers. **20c** each.

**Golden Plush Tuna.** A handsome golden cactus with green pads covered with shining yellow clusters of spicules. One of our most popular dish plants. **25c.**

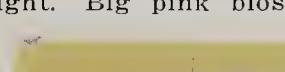
**Cotyledon macrantha.** Shown in color below. Handsome leaves tipped with red and clusters of deep orange red bells at Christmas. 25c.

**Orange Dyckia.** Illustrated at right. Spikes of bright orange flowers from a small rosette of pineapple-like leaves. **Yellow Dyckia.** Tall spikes of yellow flowers. Pretty and easily grown. 25c each.

**HEDGE HOG CACTUS.** (Echinopsis multiplex). Illustrated in color at right. Big pink blossoms like Easter Lilies borne on small plants the size of an orange. A very easily grown window plant grown by thousands of cactus enthusiasts throughout the land.

25c. **E. turbinata.** Large pure white flowers. 30c. **E. aurea.** Rare variety with bright yellow flowers. 75c. **E. albiflora.** White, always in bloom.

25c



**35c. Hen and Chickens.**  
(*Echeveria glauca*.) Illustrated at far right. Like an old mother hen with babies nestling under her breast. Blue rosettes of leaves and red flowers. **25c.**

**Fairy Bells.** Illustrated below. Large scarlet and yellow bells as big as your thumb. Blooms in late spring, the flowers lasting in perfection for weeks. The plants are crowded with flowers raised above foliage. 25c

**Necklace Vine.** One of the prettiest of the Crassulas. Pretty heart-shaped leaves strung through the middle like a string of beads. Its pleasing strands droop over the pot edge. **35c.**

**Japanese Pine.** An odd sedum growing upright and resembling a pine. Interesting in dish gardens. **20c.**

**Echeveria.** Handsome Mexican plants noted for their beautiful flowers and bright colored rosettes. **E. hoveyi.** Beautiful rosettes striped pink, white and green. A beauty. **35c.** **E. peacockii.** Bright silver small rosettes. A gem. **35c.** **E. setosa.** The Mexican Fire Cracker. Hairy rosettes and red and yellow bell flowers. Very choice and rare. **50c.** **E. scapophylla** a rare green rosette. **35c.** **E. nobilis.** Handsome blue-white rosettes flushed with wine red. **25c.** **E. ovaliformis.** Pure white and easily grown. **20c.** **E. expatriata.** Dwarf green rosettes. Good. **25c.** **E. simulans.** Green rosettes with red tipped leaves. A dandy for specimens. **20c.** **E. pringlei.** Grows a foot tall. **25c.** **A. coccinea.** Tall with plush-like leaves, orange flowers. **35c.** **E. multicaulis.** A bushy form with red and green leaves. Splendid. **35c.** **12** varieties our choice. **\$2.**

**BANDED ALOE.** (*A. saponaria*.) Illustrated directly below. A handsome plant with banded white and green leaves and gorgeous clusters of orange red bells. An easy growing popular plant. **35c.**



SEE NEXT PAGE FOR HARDY CACTUS

**HARDY TUNAS.** These hardy tunas are all fine rock garden plants, some of them having splendid rose-like flowers, others, golden spines.

**O. opuntia.** Grows wild in New York. Splendid large yellow flowers with red eye. Dwarf plant. 25c. **O. humistrata.** Beautiful cerise flowers far larger than the plant it grows on. A rare beauty. 35c. **O. macateei** Big yellow blooms with golden throat. Blooms from early spring until buds are frozen stiff. 35c. **O. macrocalyx.** A hardy golden plush cactus. 35c. **O. decumbens.** Gorgeous yellow blooms. 35c. **O. grandiflora.** Pure lemon yellow blossoms. Produces so many flowers they crowd one another. 35c. **O. mojavensis.** Large yellow flowers. 40c. **O. fragilis.** From the Arctic Circle. The rounded joints fall apart readily. 25c per joint. 4 varieties \$1 set; 8 varieties \$1.95.

**Cotyledon.** Fine house plants with umbels of orange red flowers. **C. barbeyi** with silver white leaves and red bells. One of the prettiest. 25c. **C. rotundifolia.** A dwarf species with graceful red flower clusters. 20c. **C. teretifolia.** A new species with hairy, round pencil like leaves. 45c. **C. decussata.** A gem with round or flat powdery white leaves. 25c. **C. papilloosa.** A dwarf with single orange bells. 20c.

**CHRISTMAS CACTUS.** The old Crabs Claw cactus that blooms at Xmas time. Handsome bright pink flowers borne in the greatest profusion. Small plants 25c.

**Titanopsis calcarea.** An interesting South African Mesembrianthemum with pretty yellow, encrusted leaves and yellow flowers. A gem. 35c.

**T. schwantesli.** Similar but is encrusted in white. Fine. 45c.

**Rock Faces.** (Lithops.) Another form of Living Rock. (Mesembrianthemum.) Most peculiar top-shaped dwarf plants with windows in upper surface. **L. eberlanzii, erniana, francisi, knibensis, leslei, optica, terricolor,** 50c each.

**Aloinopsis.** Dwarf, tuberous rooted Mesembrianthemum with yellow flowers and spotted leaves. **A. vittata, A. dyeri.** 35c each.

**Cephalophyllum.** Handsome big, brightly colored flowers. **C. acutum.** Big rose flowers. 25c. **C. alstonii.** Gorgeous, ruby red flowers. 50c. **C. New Species.** Handsome cerise pink. 30c.

**YELLOW DUMPLING CACTUS.** (M. longimamma). Illustrated on front cover, middle. Long nipples and bright yellow flowers. An old favorite you will enjoy. 25c.

**NIGHT BLOOMING CEREUS.** A beautiful and popular group of cactus some of them having immense flowers. **C. serpentinus.** A night blooming cereus with snowy white fragrant flowers. Easy to grow. 35c. **C. undatus.** Another variety with huge white flowers. 35c. **C. nycticalus.** Immense white flowers. A climber. 35c. **C. martinii.** Creeper with white flowers and scarlet fruit. 25c. **C. corniflorus.** Large cream flowers. 25c. 5 varieties of night blooming cereus including **Queen of the Night** for \$1.50.

**QUEEN OF THE NIGHT.** (C. macdonaldiae). To have seen this extraordinary plant in flower is a never to be forgotten experience. The huge white blossoms, often a foot across, open at dusk. It is easily grown requiring plenty of moisture during the summer. 50c.

**Rare Cereus.** Fine new and rare members of this popular group. **C. azureas.** 35c. **C. candidans.** 35c. **C. cartwrightianus.** 50c. **C. emoryi.** 30c. **C. gummosis.** 25c. **C. hassleri.** 25c. **C. lauterbachii.** 35c. **C. litoralis.** 50c. **C. pasacana.** 60c. **C. phatnospermus.** 35c. **C. queretaroensis.** 35c. **C. schottii.** 25c. **C. xanthocarpus.** 25c.

Other cereus like kinds. **Eulychinocactus boliviensis.** 40c. **Binghamia chosquensis.** 75c. **Corryocactus brevistylus.** 40c. **C. procumbens.** 75c. **Trichocereus bridgashii.** 50c. **T. cuzcoensis.** 75c. **T. peruvianus,** 75c. **T. spachianus.** 50c.

**Love Plant.** (Anacampseros). Satiny pink flowers like single roses from small fleshy rosettes. **A. telephastrum** is often seen and much prized for its handsome flowers. 25c. **A. lanceolatum.** Pretty dwarf species covered with wool. 25c. **A. filamentosa.** 35c.

**Cockscomb Sedum.** A handsome, rare, crested sedum. Flat fan-like stems like a cockscomb. Well crested young plants, 35c.

**Tree Tuna.** (O. brasiliensis). This tree-like tuna has a round trunk and flat leaf-like branches. Pretty even when small. 25c. **Burbanks Spineless Cactus.** The far famed spineless cactus created by Luther Burbank. Bears juicy, sweet, edible fruits. 50c.

**Elephant Bush.** A popular dish garden succulent with thick red stems and glossy green leaves. You will like it. 25c.

**Haworthia.** These pretty South African plants are very scarce and are greatly prized by collectors. We have only a few plants to offer.

**H. atrovirens.** Green, rugose, spiral rosettes, 50c. **H. subulata.** Incurving rosettes the leaves sprinkled with white bosses. 50c. **H. coarctata,** 50c. **H. subfasciata.** A popular beauty. 40c. **H. cymbiformis.** Another popular kind. 35c. **H. tessellata parva.** 75c. **H. pentagona,** 50c.

**ALOES.** Beautiful flowering South African plants blooming mainly in the winter and early spring. As a window garden plant they always attract attention particularly when their tall, scarlet, pendant flowers are opening.

**A. hanburiana.** Handsome trusses of red flowers. 25c. **A. distans.** Rare, 25c. **A. brevifolia.** A pretty dwarf blue leaved species. 25c. **A. latifolia.** Fine. 20c. **A. humilis.** Fine summer bloomer. 25c. **A. parvibracteata,** 40c. **A. plicatilis.** Extremely rare and odd. \$2. **A. vera.** 25c. **A. heteracantha.** 35c. **A. bedinghausii,** 50c. **A. commutata,** 40c. **A. davyana,** 35c.

**SCARLET ALOE** (Aloe striata). A handsome flowering Aloe with scarlet bells in big branched clusters. All the Aloes are easily grown and thrive for years in small pots, most of them flowering in late winter when blossoms are the scarcest. Their brilliant flowers are well illustrated in color on page 29. They thrive in a porous, gravelly soil and prefer to be out in the sun during the summer. Put them in a sunny window in winter. 25c.

**HEDGE HOG ALOE.** One of the prettiest and most popular aloes with fine small clumps of leaves and bright red flowers. 35c.

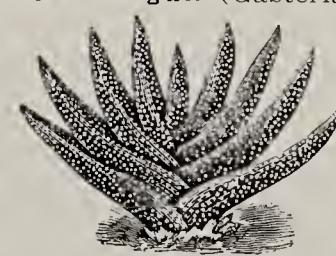
**Aloe ferox.** A marvelous tree aloe with heads a yard across and huge candelabra-like spikes of burnt orange flowers. Usually sells at \$2.50. A new supply just in. 20c.

**WHITE DOTTED ALOE.** (A. microstigma). A brand new aloe with most handsomely spotted leaves. Pure white dots on a green ground. A beauty for dishes. 20c.

**Ox Tongue.** (Gasteria) Among the most beautiful South African succulents are the Ox Tongues. They are easily grown and their odd and striking form is much admired. The handsome tongue-shaped leaves are marbled with white. Bears dainty spikes of pink and green bells. **G. dicta.** Twisted fans of leaves. 35c. **G. verrucosa.** Dotted with white, 50c. **G. sulcata.** Green. 75c. **G. subvaricosa.** 75c. **G. maculata.** 75c.



Queen of the Night



OX TONGUE  
(Gasteria dicta is a fine window plant)



HEDGE HOG ALOE

## ORDER SHEET

# JOHNSON WATER GARDENS

## HYNES, CALIFORNIA

DATE \_\_\_\_\_

NAME \_\_\_\_\_

**AMOUNT SENT**

Money  
Order 2

Cap. 2

### Stamps

DRAFT

## Please Fill In

**STREET or P. O. BOX \_\_\_\_\_**  
**OR RURAL DELIVERY**

**STREET or P. O. BOX  
or RURAL DELIVERY**

CITY \_\_\_\_\_ STATE \_\_\_\_\_

STATE.

**HOW WE SHIP.** For full ordering instructions see facing page 3. All goods sent postage paid. Unless otherwise instructed, Water Lilies will be shipped at earliest date permissible for your locality. Cactus and Succulents, Seeds, Aquarium Plants and Supplies are forwarded immediately. No Goods Sent C.O.D.

(OVER)

# A FEW CHOICE CACTUS AND SUCCULENTS

## WINDOW GARDEN COLLECTION

### COLLECTION NO. 56

These strange plants will brighten a room and be very little care. Put them in any sunny window or they will fill in over a radiator where other plants will not grow.

Hart's Tongue, Star Cereus, Tongue Plant, \$1  
Echeveria, Ghost Plant.....

### RARE CRASSULAS

Many have handsome flowers, others peculiar habits of growth. The crimson brushes of *C. schmidii*, the odd cone-like growths of *C. archeri* or the bearded *C. barbata* have each in its way their charm.

<i>C. archeri</i> . Odd pine cone-like growths.....	\$ .40
<i>C. arborescens</i> . Silvery thick round leaves. Tall.....	.25
<i>C. barbata</i> . Bearded white fringed leaves.....	.40
<i>C. caulescens</i> . Very rare new one.....	.50
<i>C. columnaris</i> . One of the oddest.....	.50
<i>C. cooperi</i> . Pretty pink flowers. Mossy.....	.25
<i>C. cornuta</i> . Silvery white. Very rare.....	.75
<i>C. cultrata</i> . Bushy green leaves.....	.15
<i>C. densifolia</i> . Quick easy grower.....	.15
<i>C. hemisphaerica</i> . Odd cone like.....	.75
<i>C. hoffmeyeriana</i> . Splendid new one.....	.35
<i>C. lactea</i> . Spikes of white flowers. Fine.....	.25
<i>C. laticephala</i> . Rare, thick leaved new one.....	.35
<i>C. nudicaule</i> . New with dotted leaves.....	.20
<i>C. namaquensis</i> . Handsome pink flowers.....	.35
<i>C. obvallata</i> . Sickle shaped leaves.....	.20
<i>C. pachyphylla</i> . Rare and new. Fine.....	.40
<i>C. rhomboidea</i> . Fine new white leaved one.....	.35
<i>C. schmidii</i> . Fine red flowers and leaves.....	.25
<i>C. tomentosa</i> . Fine red brushes.....	.25
<i>C. trachysantha</i> . Very pretty hairy leaves.....	.25

### FANCIER'S COLLECTION

#### COLLECTION NO. 57

A fine collection of these interesting desert plants including many rare and curious kinds. This splendid assortment will make an easily cared for window box for the living room.

50 choice varieties of cactus and succulents correctly labelled and all different. \$10  
Our selection.....

### RARE ECHEVERIAS

Handsome Mexican succulents with spoon-shaped leaves in dense whorls and spikes of pink or red bells.

<i>E. agavoidea</i> . A rare variety.....	\$ .50
<i>E. amoena</i> . Small clusters with red flowers.....	.25
<i>E. compacta</i> . Silvery clusters, red flowers.....	.25
<i>E. flammula</i> . Red leaves, tall fine flowers.....	.40
<i>E. funckii</i> . Close clusters.....	.25
<i>E. maculata</i> . New with spotted leaves.....	.25
<i>E. oviformis</i> . Thick leaves.....	.25
<i>E. rubra marginata</i> . Fine colored whorls.....	.30
<i>E. rubra marginata cristata</i> . Fine crests.....	.75

### RARE MESEMBRIANTHEMUMS

This most varied and interesting group of succulents from South Africa has among it some of the most peculiar and strange of all the desert plants. While all are Mesembrianthemums they go under many names.

<i>Acordon bellidiflorum</i> . Handsome striped flowers .....	\$ .35
<i>Argeta petrensis</i> . Pretty clusters.....	.25
<i>Argyroderma testiculare</i> . Round silvery balls.....	.50
<i>Aridaria spinulosum</i> .....	.35
<i>Eyliae caua</i> . New genus.....	.35
<i>Cheiridopsis cigarettifera</i> . Strange.....	.20
<i>Cheiridopsis richardiana</i> . New.....	.35
<i>Conicosia pugioniformis</i> . Handsome, large yellow flowers .....	.35
<i>Cylindrophyllum calamiforme</i> . Finger-like leaves .....	.25
<i>Delosperma aberdeenense</i> . Masses of pink.....	.25
<i>Disphyma crassifolia</i> . Quick grower. Pink.....	.25
<i>Echinus echinatum</i> . Odd prickly leaves.....	.25
<i>Gibbaeum album</i> . Rare, white thick leaves.....	.35
<i>Gibbaeum geminum</i> . Rare.....	.35
<i>Gibbaeum pviride</i> . Rare.....	.35
<i>Hereroa stanleyi</i> . Pretty yellow clusters.....	.30
<i>Juttadinteria simpsonii</i> . Splendid white one.....	.35
<i>Mesembrianthemum bifoliatum</i> . New.....	.25
<i>Mesembrianthemum filicaule</i> . Mossy pink flowers.....	.20
<i>Mesembrianthemum lacerum</i> . Pink flowers.....	.25
<i>Mesembrianthemum maximum</i> . Bushy thick leaves .....	.25
<i>Mesembrianthemum odoratum</i> . New.....	.25
<i>Mesembrianthemum pterille</i> . Pink flowers.....	.25
<i>Mesembrianthemum repens</i> . Creeper. White.....	.25
<i>Mesembrianthemum veruculatum</i> . Fine.....	.25
<i>Pleiospilos optatus</i> . Large yellow.....	.35
<i>Pleiospilos roodiae</i> . Entirely new.....	.35
<i>Rhinephyllum comptonii</i> . Fine clusters.....	.20
<i>Schonlandia algoense</i> . New.....	.25
<i>Schonlandia lehmanni</i> .....	.25

### CACTUS BOOKS

**The Cactus Book.** By Dr. A. D. Houghton. A real book on the culture of Desert Plants. \$2.40.

**Cacti in the Home.** An interesting 50-page booklet on the care and culture of Cacti and Succulents in the house. It has chapters on potting, soils, watering and scores of other questions. 50c.

**Cactus and Succulent Society of America.** Prints a splendid fully illustrated monthly magazine on Desert Plants. Join the society and receive the Journal. Articles from all over the world. We fully endorse it. Membership, including magazine, \$3 per year. Address 1800-E Marengo Street, Los Angeles, California.

**Desert Magazine.** A splendidly illustrated monthly magazine with the latest articles on desert plants and their care. You will enjoy this really helpful crammed full journal. \$1.50 per year. Box No. 68-B, Pasadena, Calif.

If you are interested in Cactus and Succulents please check here.

## HAVE YOU GARDENING FRIENDS WHO WOULD LIKE OUR CATALOG?

WE WOULD APPRECIATE THEIR NAMES

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

State. \_\_\_\_\_

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

State. \_\_\_\_\_

**JOHNSON WATER GARDENS  
HYNES, CALIFORNIA.**

**BARREL CACTUS.** (Echinocactus.) The reservoirs of the desert. When small they are very ornamental, globular cactus becoming columnar with age. **E. acanthodes.** The beautiful Californian Barrel from the Devil's Garden. 20c. **E. Orcuttii.** A fine rare species. 20c. **E. rectispinus.** The longest spines of any cactus up to 10 inches. A beauty. 35c. **E. peninsulae.** Rare. 35c. **E. tucsonianus.** 35c.

**Mamillaria.** (Dumpling Cactus). Handsome small cactus with fine flowers and red fruits. Everyone is worth having. **M. dioica, hookeri, magnimamma, uncinatus.** 25c each. **M. carnea, sartorii,** 30c each. **M. camptotricha, elephantidens, pfeifferi, rhodantha, sempervivi,** 35c each. **M. albicans, ortizrubio, perbella, pseudo-perbella, candicans,** 40c each.

**Coryphanta.** Interesting, close spined cacti like Mamillarias generally with almost tuberous roots. **C. cornifera.** A very pretty small species. 25c. **C. radians.** White spined. 25c. **C. ottonis.** One of the prettiest. Club-shaped tiny plants with pure white spine clusters. Fine. 25c.

**Heart of Fire.** (Caraguata). When in flower the entire heart of the plant becomes vivid scarlet. From the center arises a spike of purple blossoms. 30c.

**Spiny Geranium.** (P. echinatum.) A prickly stemmed desert geranium with handsome clusters of white flowers with a red eye. The flowers change from white to pink and on later days to almost red. In bloom all the year around. 50c.

**Euphorbias.** Strange African desert plants with grotesque forms. **E. mammillaris.** Club shaped branches forming clusters. 50c. **E. cereiformis.** Cactus like stems. 50c. **E. grandicornis, \$1.** **E. pendula, 25c.** **E. pseudocactus, 60c.** **E. resinifera, 50c.**

**Wish Bone Euphorbia.** (E. tirucalli.) Fine for cactus bowls. Slim wish-bone-like stems. 25c. **Snakes Head Euphorbia.** (E. caput medusae.) The rare Medusa's Head from Africa. Bears snake-like arms from the head. \$1.25. **Euphorbia obesa.** One of the choicest African plants. \$2. **Euphorbia grandidens.** A little beauty for bowls. Well branched specimens 2 to 3 inches. 25c.

**Ruby Queen.** A handsome flowered Figmarigold with exquisite deep ruby-red blossoms. Blooms several times a year. Mossy, compact plant. 20c.

**Brilliance.** (M. conspicuum.) Brilliantly colored cerise blossoms an inch and a half across. Creeping stems. Fine for summer rock gardens. 20c.

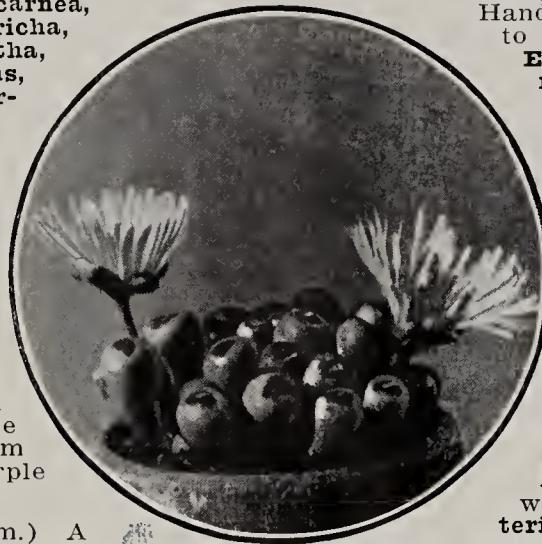
**Rose Moss.** Scores of bright pink flowers completely covering the mossy trailing plant. 25c.



WHITE STAR CACTUS

**White Star Dumpling Cactus.** (C. clava.) Each nipple crowned by a pure white star. A small growing, most popular cactus that you will like in a cactus bowl. 35c.

**Sprouting Leaf.** (Bryophyllum.) Pin the leaves to the wall where they will sprout tiny plants. Pretty pink clusters of bell-like flowers. A most interesting plant. 25c.



BABY TOES



HEDGE HOG CACTUS

**Rimaria heathii.** Interesting new succulent from South Africa. Clusters of round green balls and pretty flowers. 25c.

**Perrisolobus byllii.** A rare and handsome flowered new mesembrianthemum. Big yellow blossoms. 30c.

**Stomatium.** An interesting genus of mesembrianthemums forming pretty clusters with yellow flowers opening in the afternoon. **S. murinum, S. mustelinum.** 25c each.

**Sheeps Tongue.** (M. aginum.) Pretty, silvery green plants with large yellow blooms. 25c.

**Cochemeia poselgeri.** A handsome pink flowered cactus from Baja California. Grows like a Mamillaria and is very rare in collections. 35c.

**Pereskia porteri.** A new climbing cactus that grows very rapidly. 25c. **Pereskia pereskia.** The gooseberry cactus. A climber with very fragrant orange-blossom flowers. 25c.

**STAR CEREUS.** (C. stellatus.) A fine, easily grown cactus for bowls. You will like this one with its star spine clusters and red color. 25c.



STAR CEREUS

JOHNSON WATER GARDENS  
Hynes, California  
Page Thirty-one



## JOHNSON'S SPECIAL COLLECTION

### COLLECTION No. 7

Just as it is pictured above so it will brighten your pool for many months during the summer. These hardy, brilliant and easily grown lilies are, every one, noted for their freedom of bloom and for the quickness with which they will come into flower after planting in your pool. This special bargain collection for the small pool is one of our most popular groups.

The Lilies are as follows: (See page 11 for key)

A. *Splendida*      C. *Gloriosa*      The collection includes      . . . SPECIAL PRICE \$7<sup>50</sup>  
B. *Comanche*      D. *Marliac Yellow*      10 fine water plants.